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## PLAGUE SITUATION IN LOS ANGELES, CALIF.

Measures for the control of plague in Los Angeles are being carried out jointly by the State and city health authorities, under the direct supervision of the State health officer.

Medical and nursing inspections are being made twice daily in the vicinity of the infected district. Cases and suspects are immediately isolated. Strict quarantine of infected areas is being maintained, and extensive rodent surveys are being made.

Up to and including November 20, there had occurred 39 cases of plague with 33 deaths, 5 of the cases being bubonic in type, all the others being pneumonic in character. Three plague-infected rats had been reported to November 19.

## DEATH RATES IN A GROUP OF INSURED PERSONS.

COMPARISON OF PRINCIPAL CAUSES OF DEATH, AUGUST AND SEPTEMBER, 1924, AND RATES FOR WHITE AND COLORED FOR THE FIRST NINE MONTHS OF 1922, 1923, AND 1924.

The accompanying tables are taken from the Statistical Bulletin for October, 1924, published by the Metropolitan Life Insurance Co. They present the mortality experience of the company for August and September, 1924, and give a comparison of the death rates for the principal causes of death for white and colored policyholders for the first nine months of 1922, 1923, and 1924. The rates for 1924 are based on a strength of approximately 15,000,000 insured persons.

It should be borne in mind that these death rates apply to a more or less selected group of persons. For the years 1920 to 1923, inclusive, the gross death rate for this insured group has been between 73 and 75 per cent of the death rate for the registration area.

The death rate for this group of persons for September, 1924, was 8.3 per 1,000 as compared with 7.3 for August and 7.8 for September, 1923. This increase has not been due to epidemic conditions, but to higher rates for many of the important causes of death. Higher rates for September, 1924, as compared with rates for August, 1924,

and September, 1923, are shown for typhoid fever, whooping cough, diabetes, cerebral hemorrhage, organic heart disease, pneumonia, diarrheal complaints, Bright's disease, puerperal conditions, suicides, and automobile accidents.

*Death rates (annual basis) for principal causes per 100,000 lives exposed, August and September, 1924, and September and year, 1923.*

[Industrial Department, Metropolitan Life Insurance Co.]

Cause of death.	Death rate per 100,000 lives exposed. <sup>1</sup>			
	Septem- ber, 1924.	August, 1924.	Septem- ber, 1923.	Year 1923.
Total, all causes.....	834.5	730.2	786.2	928.2
Typhoid fever.....	8.1	6.0	7.8	5.1
Measles.....	.6	1.7	2.4	9.5
Scarlet fever.....	1.2	1.8	2.1	4.4
Whooping cough.....	8.5	6.1	7.6	7.4
Diphtheria.....	7.3	5.7	9.9	15.5
Influenza.....	3.6	4.0	3.3	30.3
Tuberculosis (all forms).....	88.9	90.9	97.2	110.1
Tuberculosis of respiratory system.....	78.2	78.9	87.2	99.7
Cancer.....	72.8	61.3	73.5	71.8
Diabetes mellitus.....	14.2	11.4	12.3	14.0
Cerebral hemorrhage.....	52.0	46.9	47.9	61.2
Organic diseases of heart.....	108.9	95.3	91.9	127.3
Pneumonia (all forms).....	37.6	32.3	31.6	83.9
Other respiratory diseases.....	9.7	7.6	10.1	13.9
Diarrhea and enteritis.....	71.8	49.8	64.9	28.2
Bright's disease (chronic nephritis).....	59.4	49.2	57.2	68.8
Puerperal state.....	14.8	11.9	14.4	17.7
Suicides.....	8.0	5.0	7.6	7.3
Homicides.....	7.1	7.1	6.9	7.3
Other external causes (excluding suicides and homicides).....	63.2	66.6	61.9	62.9
Traumatism by automobile.....	18.8	14.8	17.4	15.3
All other causes.....	196.8	169.7	175.6	179.4

<sup>1</sup> All figures include infants insured under 1 year of age.

#### FIRST NINE MONTHS OF 1922, 1923, AND 1924.

The Bulletin states:

"Judged by the health record of the first nine months of 1924, it is highly probable that the death rate for the year 1924 will be considerably lower than for any prior year."

Among the white policyholders the death rate for all causes for the first nine months of 1924 was 8.2 per 1,000, as compared with 8.8 for the corresponding period of 1923, 8.4 in 1922, and 8.2 in 1921. Although numerically the same, the rate for 1924 reflects better health conditions than the rate for 1921, since no insurance on infant lives was written in 1921.

The death rate for the colored policyholders does not show such improvement, being 15 per 1,000 for the first nine months of 1924, as compared with the same figure for the corresponding period of 1923, 14 per 1,000 in 1922, and 13.5 in 1921.

Declines in the death rates for both white and colored policyholders are shown for typhoid fever, diphtheria, influenza, and tuberculosis. For the past few years the rates for cancer, organic diseases of the

heart, cerebral hemorrhage, and chronic nephritis have been showing a downward tendency among the white persons in this group, in direct contrast to an upward trend or stationary tendency among the colored persons.

An outstanding favorable item in the first nine months' record for 1924 is the continued decline among white women in the death rate for puerperal conditions; but here again the rate for the colored policyholders shows an increase over the rate for the corresponding period last year. A decline in mortality from lobar pneumonia is shown this year, but it is accompanied by a higher rate for bronchopneumonia among both white and colored, the increase being due, it is stated, to the increased number of infants insured in 1924. The increase shown in the mortality rate for diarrhea and enteritis is also said to be due to the same factor.

*Death rates (annual basis) for principal causes per 100,000 lives exposed compared by white and colored policyholders for the first nine months of 1922, 1923, and 1924.*

[Industrial Department, Metropolitan Life Insurance Co.]

Cause of death.	Death rates per 100,000 persons exposed.					
	White.			Colored.		
	Jan.- Sept. 1924.	Jan.- Sept. 1923.	Jan.- Sept. 1922.	Jan.- Sept. 1924.	Jan.- Sept. 1923.	Jan.- Sept. 1922.
All causes of death.....	823.1	880.0	842.8	1,496.2	1,495.2	1,397.9
Typhoid fever.....	3.2	4.2	4.4	9.2	10.2	10.2
Measles.....	9.4	11.6	5.1	6.0	10.3	2.0
Scarlet fever.....	5.2	5.1	5.5	.8	1.3	.7
Whooping cough.....	7.3	7.3	2.6	13.5	11.9	3.6
Diphtheria and croup.....	13.7	15.5	16.7	4.5	5.0	7.4
Influenza.....	13.9	32.9	22.5	38.7	69.6	47.4
Meningococcus meningitis.....	.7	.8	.7	.8	.5	.4
Tuberculosis, all forms.....	87.9	97.7	101.0	241.4	251.4	254.4
Tuberculosis of respiratory system.....	77.7	88.4	91.3	216.5	229.0	234.5
Tuberculosis of the meninges, etc.....	5.3	4.6	4.4	7.7	6.4	3.4
Other forms of tuberculosis.....	4.8	4.6	5.3	17.2	15.9	14.5
Cancer.....	68.6	71.4	72.9	70.6	67.8	68.8
Diabetes.....	14.4	17.2	( <sup>1</sup> )	15.7	14.7	( <sup>1</sup> )
Cerebral hemorrhage; apoplexy.....	53.7	57.0	59.8	95.8	96.2	95.2
Organic diseases of the heart.....	110.1	120.9	122.9	207.0	205.5	193.4
Total respiratory diseases.....	92.5	92.5	86.0	193.7	177.9	145.2
Bronchitis.....	4.9	5.6	5.6	9.4	10.1	11.4
Bronchopneumonia.....	36.5	30.6	27.1	62.5	45.4	35.8
Pneumonia, lobar and undefined.....	43.4	48.4	45.7	109.7	110.5	86.7
Other diseases of respiratory system.....	7.7	7.9	7.6	12.1	12.0	11.3
Diarrhea and enteritis.....	30.9	26.0	10.8	32.0	25.6	13.8
Under 2 years.....	26.0	20.5	5.1	22.6	17.1	3.8
2 years and over.....	4.9	5.4	5.7	9.4	8.5	10.0
Acute nephritis.....	4.7	4.8	5.3	16.1	14.7	17.2
Chronic nephritis.....	57.6	64.6	64.6	114.5	113.7	118.5
Total puerperal state.....	15.8	17.6	18.7	26.4	23.4	27.0
Puerperal septicemia.....	5.8	6.6	7.0	10.3	9.6	12.1
Puerperal albuminuria and convulsions.....	4.1	4.1	4.6	6.9	5.7	6.0
Other diseases of puerperal state.....	5.8	6.9	7.0	9.1	8.2	8.9
Total external causes.....	69.9	72.6	69.2	112.0	111.2	94.1
Suicides.....	7.1	8.0	8.3	4.9	5.2	5.0
Homicides.....	2.8	3.4	3.6	35.8	31.9	26.0
Accidental and unspecified violence.....	59.9	61.2	57.2	71.3	74.1	63.1
Accidental drowning.....	8.1	8.0	8.5	9.5	7.1	10.1
Automobile accidents.....	14.5	14.3	13.2	13.5	12.0	7.8
All other and ill-defined causes of death.....	163.8	160.2	174.1	297.6	284.4	298.5

<sup>1</sup> Not available.

# DEATHS DURING WEEK ENDED NOVEMBER 8, 1924.

Summary of information received by telegraph from industrial insurance companies for week ended November 8, 1924, and corresponding week of 1923. (From the Weekly Health Index, November 11, 1924, issued by the Bureau of the Census, Department of Commerce.)

	Week ended November 8, 1924.	Corresponding week, 1923.
Policies in force.....	57, 622, 969	53, 922, 350
Number of death claims.....	8, 720	8, 581
Death claims per 1,000 policies in force, annual rate.....	7. 9	8. 3

Deaths from all causes in certain large cities of the United States during the week ended November 8, 1924, infant mortality, annual death rate, and comparison with corresponding week of 1923. (From the Weekly Health Index, November 11, 1924, issued by the Bureau of the Census, Department of Commerce.)

City.	Week ended Nov. 8, 1924.		Annual death rate per 1,000 corre- sponding week, 1923.	Deaths under 1 year.		Infant mortal- ity rate, week ended Nov. 8, 1924. <sup>2</sup>
	Total deaths.	Death rate. <sup>1</sup>		Week ended Nov. 8, 1924.	Corre- sponding week, 1923.	
Total (64 cities).....	6, 209	12. 0	<sup>3</sup> 12. 3	700	<sup>3</sup> 722	-----
Akron.....	34	.....	.....	5	7	53
Albany.....	45	19. 8	16. 0	0	4	0
Atlanta.....	70	16. 0	16. 1	6	11	.....
Baltimore.....	212	14. 1	12. 9	30	16	89
Birmingham.....	62	16. 1	17. 3	18	6	.....
Boston.....	217	14. 6	11. 7	24	18	71
Bridgeport.....	26	.....	.....	3	7	48
Buffalo.....	127	12. 1	12. 4	10	16	42
Cambridge.....	24	11. 2	16. 4	3	6	52
Camden.....	40	16. 5	12. 2	8	5	131
Chicago.....	579	10. 3	11. 1	65	81	44
Cincinnati.....	124	15. 9	14. 2	7	8	41
Cleveland.....	176	10. 1	9. 3	16	26	47
Columbus.....	61	11. 9	14. 0	5	5	.....
Dallas.....	43	11. 9	13. 2	7	6	94
Dayton.....	33	10. 2	12. 9	5	4	.....
Denver.....	71	.....	.....	11	7	.....
Des Moines.....	28	10. 1	12. 2	1	2	78
Detroit.....	225	.....	.....	42	42	22
Duluth.....	15	7. 2	8. 3	1	2	62
Erie.....	24	.....	.....	3	1	141
Fall River.....	30	12. 9	13. 8	10	10	69
Flint.....	17	.....	.....	4	4	.....
Fort Worth.....	17	6. 0	8. 7	2	2	.....
Grand Rapids.....	31	10. 9	11. 1	4	3	63
Houston.....	42	.....	.....	4	3	.....
Indianapolis.....	83	12. 4	13. 7	6	15	44
Jacksonville, Fla.....	35	17. 8	19. 3	4	2	.....
Jersey City.....	79	13. 2	11. 8	12	9	85
Kansas City, Kans.....	24	10. 6	15. 8	3	1	58
Kansas City, Mo.....	78	11. 3	13. 9	5	13	.....
Los Angeles.....	212	.....	.....	20	23	62
Louisville.....	81	16. 3	15. 0	8	9	75
Lowell.....	30	13. 5	13. 1	4	5	71
Lynn.....	25	12. 6	8. 1	3	2	76
Memphis.....	43	13. 0	17. 2	6	5	.....
Milwaukee.....	95	10. 1	8. 8	20	5	95
Minneapolis.....	74	9. 2	11. 5	6	8	32
Nashville.....	44	18. 6	11. 5	8	4	.....
New Bedford.....	53	10. 2	10. 0	4	3	62
New Haven.....	35	10. 4	14. 2	2	6	26
New Orleans.....	126	16. 0	17. 3	14	24	.....

<sup>1</sup> Annual rate per 1,000 population.

<sup>2</sup> Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1923. Cities left blank are not in the registration area for births.

<sup>3</sup> Data for 62 cities.

<sup>4</sup> Deaths for week ended Friday, November 7, 1924.



*Deaths from all causes in certain large cities of the United States during the week ended November 8, 1924, infant mortality, annual death rate, and comparison with corresponding week of 1923. (From the Weekly Health Index, November 11, 1924, issued by the Bureau of the Census, Department of Commerce.)—Contd.*

City.	Week ended Nov. 8, 1924.		Annual death rate per 1,000 corresponding week, 1923.	Deaths under 1 year.		Infant mortality rate, week ended Nov. 8, 1924.
	Total deaths.	Death rate.		Week ended Nov. 8, 1924.	Corresponding week, 1923.	
New York	1,347	11.7	10.7	138	139	56
Bronx Borough	136	8.1	8.3	8	11	28
Brooklyn Borough	440	10.4	9.8	50	47	53
Manhattan Borough	608	14.0	12.9	67	70	68
Queens Borough	124	11.7	9.8	11	11	55
Richmond Borough	39	15.6	8.2	2	0	37
Newark, N. J.	94	11.0	10.5	14	18	66
Norfolk	35	11.1	12.8	1	4	18
Oakland	59	12.5	12.2	3	5	38
Oklahoma City	31	15.5		7		
Omaha	52	13.0	13.5	0	4	0
Paterson	35	13.0	13.1	6	4	102
Philadelphia	425	11.4	13.7	53	66	68
Pittsburgh	200	16.7	16.4	32	35	108
Portland, Oreg.	59	11.1	12.4	2	5	21
Providence	53	11.3	13.8	6	9	49
Richmond	46	13.1	13.8	6	8	73
Rochester	51	8.2		2		16
St. Louis	197	12.6	13.8	19	10	
St. Paul	52	11.1	13.1	2	2	17
Salt Lake City	26	10.5	13.2	4	5	80
San Antonio	42	11.4	11.0	8	3	
San Francisco	134	12.7	15.7	9	14	54
Schenectady	19	9.9	9.5	1	1	30
Seattle	66			5	6	49
Somerville	22	11.4	6.9	2	0	54
Spokane	18			1	4	22
Springfield, Mass.	27	9.5	13.0	1	7	17
Syracuse	38	10.5	10.2	4	1	50
Tacoma	9	4.6	8.2	3	3	72
Toledo	68	12.8	13.2	3	7	28
Trenton	43	17.3	13.9	8	2	133
Utica	19	9.4	14.6	3	5	65
Washington	148	15.8	14.6	20	14	116
Waterbury	17			0	1	0
Wilmington, Del.	22	9.6	13.7	3	2	67
Yonkers	17	8.1	11.2	3	2	65
Youngstown	27	9.1	12.8	10	5	138

\* Deaths for week ended Friday, November 7, 1924.

## THE NOTIFIABLE DISEASES.

### PREVALENCE DURING 1923 IN STATES.

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States, the District of Columbia, and insular possessions. The data for syphilis and gonorrhea were furnished by the Division of Venereal Diseases of the Public Health Service.

The following is a list of the diseases included:

Anthrax.	Poliomyelitis.
Cerebrospinal meningitis.	Rabies in animals.
Chicken pox.	Rabies in man.
Dengue.	Rocky Mountain spotted fever.
Diphtheria.	Scarlet fever.
Gonorrhea.	Septic sore throat.
Influenza.	Smallpox.
Malaria.	Syphilis.
Measles.	Tuberculosis (all forms and pulmonary).
Mumps.	Typhoid fever.
Pellagra.	Typhus fever.
Pneumonia (all forms).	Whooping cough.

The following table shows the States (including the District of Columbia and insular possessions) for which morbidity and mortality data were received:

Morbidity.	Mortality.	Morbidity.	Mortality.
Alabama.....	Alabama.....	Nebraska.....	Nebraska.....
Alaska <sup>1</sup> .....		Nevada.....	Nevada.....
Arizona.....	Arizona.....	New Hampshire.....	
Arkansas.....	Arkansas.....	New Jersey.....	New Jersey.....
California.....	California.....	New Mexico.....	New Mexico.....
Colorado.....	Colorado.....	New York.....	New York.....
Connecticut.....	Connecticut.....	North Carolina.....	North Carolina.....
Delaware.....	Delaware.....	North Dakota.....	North Dakota.....
District of Columbia.....	District of Columbia.....	Ohio.....	Ohio.....
Florida.....	Florida.....	Oklahoma.....	Oklahoma.....
Georgia.....	Georgia.....	Oregon.....	Oregon.....
Hawaii.....	Hawaii.....	Pennsylvania.....	Pennsylvania.....
Idaho.....	Idaho.....	Philippine Islands.....	Philippine Islands.....
Illinois.....	Illinois.....	Porto Rico.....	Porto Rico.....
Indiana.....	Indiana.....	Rhode Island.....	
Iowa.....	Iowa.....	South Carolina.....	South Carolina.....
Kansas.....	Kansas.....	South Dakota.....	South Dakota.....
Kentucky <sup>1</sup> .....	Kentucky.....	Tennessee.....	Tennessee.....
Louisiana.....	Louisiana.....	Texas.....	Texas.....
Maine.....	Maine.....	Utah.....	Utah.....
Maryland.....	Maryland.....	Vermont.....	Vermont.....
Massachusetts.....	Massachusetts.....	Virginia.....	Virginia.....
Michigan.....	Michigan.....	Washington.....	Washington.....
Minnesota.....	Minnesota.....	West Virginia.....	West Virginia.....
Mississippi.....	Mississippi <sup>1</sup> .....	Wisconsin.....	Wisconsin.....
Missouri.....	Missouri.....	Wyoming.....	Wyoming.....
Montana.....	Montana.....		

<sup>1</sup> Data not given by months.

For the purpose of comparison with States, the data for New York City are given in a separate table.

The populations given in the tables and used in computing case and death rates were estimated as of July 1, 1923, unless otherwise indicated.

For most of the diseases four tables are given: (1) Estimated expectancy, (2) morbidity, (3) mortality, (4) rates.

The estimated expectancy, given in the tables for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1923. In most instances the estimated expectancy is the median number of cases reported by the State for the years 1914 to 1922, inclusive. When several epidemics have occurred during these years, or when for other reasons the median is not satisfactory, epidemic years are excluded, and the estimated expectancy is the mean of the number of cases reported for the non-epidemic years. The aim has been to ascertain how many cases of each disease may reasonably be expected in the absence of epidemics.

The column headed "Number of years" shows the number of years for which data are available for each State.

In comparing the figures for 1923 with the estimated expectancy or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of commu-

nicable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases existing.

A relatively large number of reported cases of a communicable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States. A high fatality rate may mean that the disease was unusually virulent in a State, that the physicians did not treat the disease in that State with the success usual elsewhere, or that the practicing physicians did not report all of their cases. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the State was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete, or the assignment of the causes of death inaccurate.

In some instances comparatively large numbers of cases of diseases reported in certain States may be due to the system of reporting rather than to unusual prevalence of the diseases. For instance, in Mississippi, physicians report some diseases monthly to the State health officer, giving the number of cases occurring in their practice during the month. This method of reporting probably is responsible, in part, at least, for the comparatively large number of cases of certain diseases reported in Mississippi.

Tabulations of reported cases and deaths from communicable diseases, similar to the tables here presented, have been issued by the United States Public Health Service for the years 1912 to 1922, inclusive (reprints numbered 163, 208, 298, 345, 426, 505, 551, 643, 681, 791, and 879).

### Summary.

#### CHICKEN POX.

46 States, District of Columbia, Hawaii, and Porto Rico:		
Cases reported, 1923 (population, 108,784,717) .....	153, 195	
Cases reported, 1922 (population, 107,385,228) .....	131, 018	
Cases per 1,000 inhabitants, 1923 .....	1. 41	
Cases per 1,000 inhabitants, 1922 .....	1. 22	
45 States, District of Columbia, Hawaii, and Porto Rico:		
Deaths registered, 1923 (population, 108,187,265) .....	94	
Deaths per 1,000 inhabitants, 1923 .....	0. 00	
Cases reported for each death registered, 1923 .....	1, 666. 87	

## DIPHTHERIA.

48 States, District of Columbia, Hawaii, and Porto Rico:	
Cases reported, 1923 (population, 112,274,663) .....	147, 599
Estimated expectancy, based on years 1914-1922 .....	137, 085
Cases per 1,000 inhabitants, 1923 .....	1. 31
Cases per 1,000 inhabitants, estimated expectancy .....	1. 30
46 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 111,200,399) .....	12, 705
Deaths per 1,000 inhabitants, 1923 .....	0. 11
Deaths per 100 cases, 1923 .....	8. 68

## INFLUENZA.

36 States, Alaska, District of Columbia, Hawaii, and Porto Rico:	
Cases reported, 1923 (population, 86,748,049) .....	403, 934
Cases per 1,000 inhabitants, 1923 .....	4. 66
34 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 85,618,749) .....	34, 375
Deaths per 1,000 inhabitants, 1923 .....	0. 40
Cases reported for each death registered, 1923 .....	11. 74

## MEASLES.

31 States, District of Columbia, Hawaii, and Porto Rico:	
Cases reported, 1923 (population, 87,604,689) .....	676, 718
Estimated expectancy, based on years 1914-1922 .....	252, 507
Cases per 1,000 inhabitants, 1923 .....	7. 72
Cases per 1,000 inhabitants, estimated expectancy .....	3. 08
46 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 111,200,399) .....	10, 399
Deaths per 1,000 inhabitants, 1923 .....	0. 09
Deaths per 100 cases, 1923 .....	1. 38

## MUMPS.

38 States and Porto Rico:	
Cases reported, 1923 (population, 91,833,231) .....	52, 267
Cases reported, 1922 (population, 90,651,351) .....	46, 346
Cases per 1,000 inhabitants, 1923 .....	0. 57
Cases per 1,000 inhabitants, 1922 .....	0. 51
36 States and Porto Rico:	
Deaths registered, 1923 (population, 89,728,428) .....	44
Deaths per 1,000 inhabitants, 1923 .....	0. 00
Cases reported for each death registered, 1923 .....	1, 173. 82

## PELLAGRA.

12 States and Porto Rico:	
Cases reported, 1923 (population, 36,825,835) .....	7, 317
Cases per 1,000 inhabitants, 1923 .....	0. 20
30 States:	
Deaths registered, 1923 (population, 72,054,218) .....	3, 044
Deaths per 1,000 inhabitants, 1923 .....	0. 04

## PNEUMONIA.

46 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 111,200,399) .....	121, 572
Deaths per 1,000 inhabitants, 1923 .....	1. 09

## POLIOMYELITIS.

39 States and District of Columbia:	
Cases reported, 1923 (population, 93,682,130) .....	3, 245
Estimated expectancy, based on years 1914-1922 .....	2, 097
Cases per 1,000 inhabitants, 1923 .....	0. 035
Cases per 1,000 inhabitants, estimated expectancy .....	0. 024
44 States and District of Columbia:	
Deaths registered, 1923 (population, 109,004,418) .....	878
Deaths per 1,000 inhabitants, 1923 .....	0. 008

## SCARLET FEVER.

48 States, District of Columbia, Hawaii, and Porto Rico:	
Cases reported, 1923 (population, 112,274,663) .....	175, 540
Estimated expectancy, based on years 1914-1922 .....	120, 075
Cases per 1,000 inhabitants, 1923 .....	1. 56
Cases per 1,000 inhabitants, estimated expectancy .....	1. 14
45 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population 106,260,769) .....	3, 449
Deaths per 1, 000 inhabitants, 1923 .....	0. 03
Deaths per 100 cases, 1923 .....	1. 99

## SMALLPOX.

48 States and District of Columbia:	
Cases reported, 1923 (population 110,630,300) .....	30, 907
Cases per 1,000 inhabitants, 1923 .....	0. 28
39 States and District of Columbia:	
Cases reported, 1923 (population, 86,564,729) .....	24, 508
Estimated expectancy, based on years 1914-1922 .....	23, 884
Cases per 1,000 inhabitants, 1923 .....	0. 28
Cases per 1,000 inhabitants, estimated expectancy .....	0. 30
46 States and District of Columbia:	
Deaths registered, 1923 (population, 109,556,066) .....	170
Deaths per 1,000 inhabitants, 1923 .....	0. 00
Deaths per 100 cases, 1923 .....	0. 55

## TYPHOID FEVER.

46 States, District of Columbia, Hawaii, and Porto Rico:	
Cases reported, 1923 (population, 107,412,943) .....	34, 617
Estimated expectancy, based on years 1914-1922 .....	41, 109
Cases per 1,000 inhabitants, 1923 .....	0. 32
Cases per 1,000 inhabitants, estimated expectancy .....	0. 41
45 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 108,731,756) .....	7. 961
Deaths per 1,000 inhabitants, 1923 .....	0. 07
Deaths per 100 cases, 1923 .....	22. 41

## WHOOPING COUGH.

42 States, District of Columbia, and Hawaii:	
Cases reported, 1923 (population, 100,009,245) .....	160, 971
Cases reported, 1922 (population, 98,724,067) .....	106, 552
Cases per 1,000 inhabitants, 1923 .....	1. 61
Cases per 1,000 inhabitants, 1922 .....	1. 08
44 States, District of Columbia, Hawaii, and Porto Rico:	
Deaths registered, 1923 (population, 105,788,824) .....	8, 999
Deaths per 1,000 inhabitants, 1923 .....	0. 09
Cases reported for each death registered, 1923 .....	18. 26



*Cases of anthrax reported, 1923.*

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	1		1		1	1	1	3	3	1	1		2	Alabama.
California.....				1	1						2		14	California.
Colorado.....											1		1	Colorado.
Delaware.....							1		1				2	Delaware.
Florida.....	1					1		2	1				4	Florida.
Illinois.....						1							1	Illinois.
Louisiana.....						3						1	4	Louisiana.
Maine.....													1	Maine.
Maryland.....							2			2	1		3	Maryland.
Massachusetts.....	2				1				1				7	Massachusetts.
Mississippi.....	7	15	1	1		5	1		4			1	34	Mississippi.
Missouri.....	1			5		1						2	9	Missouri.
Montana.....												1	1	Montana.
New Jersey.....		1	2			2							5	New Jersey.
New York.....	1	2			2	2			1	1	1		11	New York.
Ohio.....							1	1					2	Ohio.
Pennsylvania.....		2	3	4	1	4		2		3	1		20	Pennsylvania.
Rhode Island.....							1		1				2	Rhode Island.
South Dakota.....							3	4	2				9	South Dakota.
Texas.....			3	4		5		1			1		14	Texas.
Virginia.....										1			1	Virginia.

*Deaths registered as due to anthrax, 1923.*

[illegible]





## Cases of cerebrospinal meningitis reported, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	2	3	12	6	6	5	4	7	5		4	3	57	Alabama.
Arizona.....			1										1	Arizona.
Arkansas.....	1	1	1		5	1	3	3					20	Arkansas.
California.....	12	8	11	15	7	11	9	10	5	8	15	3	118	California.
Connecticut.....	8	9	9	5	10	5	9	3	4	8	9	4	83	Connecticut.
District of Columbia.....													8	District of Columbia.
Georgia.....	2		2				1	1			2		18	Georgia.
Hawaii.....	1	3	3		3		2	3	1	1			13	Hawaii.
Illinois.....	1		3				*			4			11	Illinois.
Indiana.....	15	8	25	16	9	6	11	11	3	11	11	4	130	Indiana.
Iowa.....	3	5		6	8	13			4	4	2	6	51	Iowa.
Kansas.....	2	2	3	2	5	1		6	1		2		26	Kansas.
Louisiana.....	2	5	9	7	3	6	5	5	3	4	16	9	74	Louisiana.
Maine.....			2	3	4	1					1	3	17	Maine.
Maryland.....	7	3	2	6	4	4	5	2	1	6	1	3	43	Maryland.
Massachusetts.....	11	12	11	11	11	5	11	10	10	13	9	7	121	Massachusetts.
Minnesota.....	2	2	2	4	4	3	4	2	4	4	3	1	35	Minnesota.
Missouri.....	2	2	9	1	5	6	4	4	6	4	23	20	86	Missouri.
Montana.....	7	9						3		3			30	Montana.
Nebraska.....	2	1	1	1	1	2	1	3	2	3	6	3	17	Nebraska.
New Hampshire.....									1				1	New Hampshire.
New Jersey.....	10	6	21	14	14	9	6	10	6	6	9	8	118	New Jersey.
New York.....	16	21	35	23	27	14	14	16	25	18	13	9	231	New York.
North Carolina.....	4	4	7	3	4	7	4	3	2	2	3	3	46	North Carolina.
Ohio.....	9	4	10	6	4	6	6	1	2	5	8	4	65	Ohio.
Oregon.....		1			3					2		1	7	Oregon.
Pennsylvania.....	3	14	11	9	11	7	11	14	7	14	7	10	118	Pennsylvania.
Rhode Island.....	2	1	2	1	3				1	2			13	Rhode Island.
South Carolina.....	3	3	5			1		1	1				16	South Carolina.
South Dakota.....	1	1	4	6	3		1		1	2		2	27	South Dakota.
Tennessee.....	4	1	12	1	3	11	1	2			8		43	Tennessee.
Texas.....	1	2		2	2	2			1	1	2		12	Texas.
Utah.....	1	1	2								1		6	Utah.
Virginia.....	12	10	10	14	14	17	9	13	10	6	9	11	135	Virginia.
Washington.....	3		6	2		2		1	2	2		2	22	Washington.
West Virginia.....	1	2	1	1		1	9	2					32	West Virginia.
Wisconsin.....	9	6	9	6		8		5	6	12	6	4	75	Wisconsin.
Wyoming.....	1							1					2	Wyoming.

## Deaths registered as due to cerebrospinal meningitis, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....					1	1	3	1			1		7	Alabama.
Arizona.....			1										1	Arizona.
Arkansas.....			5	5	1	6	7	8	3	2	7	3	47	Arkansas.
California.....	4	8	9	5	7	4	6	6	5	1	4	9	70	California.
Colorado.....														Colorado.
Connecticut.....	7	4	5	4	6	1	7	3	1	3	2	2	45	Connecticut.
Delaware.....	2	2	2	2	2		4	1	1				13	Delaware.
District of Columbia.....	1	1	2								2		6	District of Columbia.
Florida.....	1	7	4	6	2	3	5	5	3	4	1	7	44	Florida.
Hawaii.....	2		3	1				1		1			8	Hawaii.
Idaho.....	1				2		2	2	2		1	1	13	Idaho.
Illinois.....	6	4	11	10	5	4	3	6		6	2	6	63	Illinois.
Indiana.....	2	1			1	2	4	2	1		1	3	13	Indiana.
Iowa.....	3	3	2	3	5		3		4	3	2	4	32	Iowa.
Kansas.....	3	2	2			2		2	2		2	2	17	Kansas.
Louisiana.....		1	4	2	1	1	1	1		1	4		17	Louisiana.
Maine.....					1							1	5	Maine.
Maryland.....	3	1		1	3	2	2	1		4	1	1	16	Maryland.
Massachusetts.....	2	2	5	8	2	3	5	2		5	2	2	50	Massachusetts.
Minnesota.....	1	1	1		2	3	3		2	4	2	1	20	Minnesota.
Missouri.....					3	3	3	1	1	5	3	2	27	Missouri.
Montana.....	3	7	1			1				3	1		21	Montana.
Nebraska.....													2	Nebraska.
New Jersey.....	6	3	10	14	11	6	5	2	5	4	7	3	74	New Jersey.
New Mexico.....	6	1	1	3	4	2	2	2	2	2	1	2	27	New Mexico.
New York.....	8	10	12	11	16	6	8	8	7	8	2	10	106	New York.
North Carolina.....													2	North Carolina.
North Dakota.....	6	1	9	7	2	2	2	2		3			30	North Dakota.
Ohio.....	6	4	6	7	5	5	5	2	5	3	4	3	61	Ohio.
Oregon.....					1				1				3	Oregon.
Tennessee.....	3	4	2	3	3	2	4	3		3	3	1	35	Tennessee.
Utah.....													3	Utah.
Vermont.....													1	Vermont.
Virginia.....	2	1	1	1	2	3	2	2	1	1			16	Virginia.
Washington.....	3	2	2	1	1	1	1	3		2		1	16	Washington.



*Cerebrospinal meningitis—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922.*

State.	Estimated population, July 1, 1923.	Estimated expectancy.			1923.					State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.	
Alabama.....	2,423,912	5	55	0.02	57	0.02	7	0.00	12.3	Alabama.
Alaska.....	1,85,036				4	.07				Alaska.
Arizona.....	380,960	3	3	.01			1	.00		Arizona.
Arkansas.....	1,816,287	3	13	.01	20	.01	1	.00	5.0	Arkansas.
California.....	3,805,153	8	119	.04	118	.03	47	.01	39.8	California.
Colorado.....	960,320	3	8	.01			70	.07		Colorado.
Connecticut.....	1,476,483	9	72	.05	83	.06	45	.03	54.2	Connecticut.
Delaware.....	230,460	2	6	.03			13	.06		Delaware.
District of Columbia.....	1,437,571	9	8	.03	8	.02	6	.01	75.0	District of Columbia.
Florida.....	1,046,287	5	20	.02			44	.04		Florida.
Georgia.....	2,960,106	3	46	.02	18	.01	8	.00	44.4	Georgia.
Hawaii.....	278,984	3	10	.04	13	.05	8	.03	61.5	Hawaii.
Idaho.....	470,179	7					13	.03		Idaho.
Illinois.....	6,790,524	7	203	.03	130	.02	63	.01	48.5	Illinois.
Indiana.....	3,013,134	7	55	.02	51	.02	13	.00	25.5	Indiana.
Iowa.....	2,408,643	3	31	.01			32	.01		Iowa.
Kansas.....	1,797,489	7	44	.03	26	.01	17	.01	65.4	Kansas.
Kentucky.....	2,402,317	1	61	.02	47	.02				Kentucky.
Louisiana.....	1,840,746	9	43	.02	74	.04	17	.01	23.0	Louisiana.
Maine.....	777,239	4	14	.02	17	.02	5	.01	26.4	Maine.
Maryland.....	1,505,265	8	49	.03	43	.03	16	.01	37.2	Maryland.
Massachusetts.....	4,027,545	9	173	.05	121	.03	50	.01	41.3	Massachusetts.
Minnesota.....	2,499,396	8	53	.02	35	.01	20	.01	57.1	Minnesota.
Mississippi.....	1,790,618	9	37	.02			6	.00		Mississippi.
Missouri.....	3,443,971				86	.02	27	.01	31.4	Missouri.
Montana.....	611,109	7	15	.03	30	.05	21	.03	70.0	Montana.
Nebraska.....	1,333,922	3	28	.02	17	.01	2	.00	11.8	Nebraska.
New Hampshire.....	447,592	3	4	.01	1	.00				New Hampshire.
New Jersey.....	3,378,963	5	129	.04	118	.03	74	.02	62.7	New Jersey.
New Mexico.....	372,265	3	6	.02			27	.07		New Mexico.

<sup>1</sup> Population Jan. 1, 1920.

*Cerebrospinal meningitis—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922—Continued.*

State.	Estimated population, July 1, 1923.	Estimated expectancy.			1923.					State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.	
New York.....	10,843,661	9	389	.04	231	0.02	106	0.01	45.9	New York.
North Carolina.....	2,086,325	4	92	.04	46	.02	2	.00	4.3	North Carolina.
North Dakota.....	672,041	1	5	.01	65	.01	30	.04	—	North Dakota.
Ohio.....	6,117,122	9	157	.03	7	.01	61	.01	93.8	Ohio.
Oregon.....	823,270	7	9	.01	—	—	3	.00	42.9	Oregon.
Pennsylvania.....	9,100,326	9	165	.02	118	.01	—	—	—	Pennsylvania.
Rhode Island.....	9,626,672	7	23	.04	13	.02	—	—	—	Rhode Island.
South Carolina.....	1,744,406	5	15	.01	15	.01	—	—	—	South Carolina.
South Dakota.....	7,655,532	7	22	.03	27	.04	0	—	—	South Dakota.
Tennessee.....	2,368,077	2	29	.01	43	.02	35	.01	81.4	Tennessee.
Texas.....	4,939,630	3	31	.01	12	.00	—	—	—	Texas.
Utah.....	476,812	3	10	.02	6	.01	3	.01	50.0	Utah.
Vermont.....	1,352,428	5	4	.01	—	—	1	.00	—	Vermont.
Virginia.....	2,398,441	5	139	.06	135	.06	16	.01	11.9	Virginia.
Washington.....	1,433,968	7	18	.01	22	.02	16	.01	72.7	Washington.
West Virginia.....	1,551,156	6	44	.03	32	.02	—	—	—	West Virginia.
Wisconsin.....	2,739,574	8	109	.04	75	.03	—	—	—	Wisconsin.
Wyoming.....	211,864	1	2	.01	2	.00	0	—	—	Wyoming.

Population Jan. 1, 1920.

*Cases of chicken pox reported, 1923.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	141	80	238	124	165	19	25	27	26	37	142	164	1,227	Alabama.
Arizona.....	38	12	21	65	15	22	1	1	2	2	6	30	220	Arizona.
Arkansas.....	231	94	61	107	111	30	43	50	43	47	44	61	922	Arkansas.
California.....	808	931	957	1,200	* 1,245	618	311	145	126	289	550	648	7,928	California.
Colorado.....	315	249	215	161	113	80	51	18	30	80	248	250	1,810	Colorado.

Connecticut.....	322	202	189	152	220	238	95	17	16	115	466	570	2,602	Connecticut.....
Delaware.....	47	11	150	109	13	12	12	2	4	15	12	32	151	Delaware.....
District of Columbia.....	171	150	161	109	97	80	47	9	5	23	171	243	1,266	District of Columbia.....
Florida.....	43	77	80	79	39	15	4	4	2	6	3	26	237	Florida.....
Georgia.....	52	75	98	80	54	33	4	4	2	6	26	81	515	Georgia.....
Hawaii.....	9	20	15	13	16	13	6	2	4	5	7	4	114	Hawaii.....
Idaho.....	68	44	33	29	32	7	327	113	159	12	98	111	436	Idaho.....
Illinois.....	1,856	1,039	978	875	743	889	327	113	159	749	1,892	1,984	11,514	Illinois.....
Iowa.....	156	102	50	86	32	62	3	1	9	22	132	186	843	Iowa.....
Kansas.....	513	336	261	257	188	109	39	5	51	160	423	590	2,932	Kansas.....
Louisiana.....	19	31	47	523	16	5	1	1	1	7	7	23	673	Louisiana.....
Maine.....	106	83	135	49	61	52	5	9	32	80	171	269	1,077	Maine.....
Maryland.....	719	446	427	388	381	293	65	15	25	108	282	512	3,661	Maryland.....
Massachusetts.....	992	567	574	565	611	699	377	116	137	561	1,201	1,383	7,983	Massachusetts.....
Michigan.....	1,149	634	569	644	568	637	199	43	46	412	975	1,362	7,258	Michigan.....
Minnesota.....	814	449	291	270	294	276	55	26	80	249	676	847	4,327	Minnesota.....
Mississippi.....	369	352	417	514	349	146	178	151	175	171	506	706	4,034	Mississippi.....
Missouri.....	568	330	364	226	157	97	15	13	30	98	251	384	2,533	Missouri.....
Montana.....	114	116	89	48	41	32	29	7	35	121	270	130	1,032	Montana.....
Nebraska.....	126	70	53	45	48	11	10	1	25	33	100	114	1,635	Nebraska.....
Nevada.....	24	6	1	3	4	5	7	1	1	18	35	7	112	Nevada.....
New Hampshire.....	11	8	5	6	6	2	30	49	60	14	775	1	89	New Hampshire.....
New Jersey.....	1,077	617	664	645	846	750	212	49	60	272	775	1,160	7,127	New Jersey.....
New Mexico.....	81	92	46	62	28	3	2	2	234	25	36	37	414	New Mexico.....
New York.....	2,716	1,795	1,446	1,465	2,139	2,164	849	297	234	938	2,454	3,579	20,076	New York.....
North Carolina.....	425	518	559	414	358	198	63	27	44	80	530	758	3,974	North Carolina.....
North Dakota.....	44	46	35	12	17	32	26	9	6	21	30	101	399	North Dakota.....
Ohio.....	1,635	915	716	722	830	770	320	78	160	684	1,935	2,258	11,023	Ohio.....
Oklahoma.....	32	70	19	181	63	10	9	9	3	3	10	24	432	Oklahoma.....
Oregon.....	148	70	82	69	95	80	34	13	18	53	117	121	902	Oregon.....
Pennsylvania.....	3,004	1,681	1,365	1,112	1,317	1,369	442	153	223	1,372	3,452	4,189	19,709	Pennsylvania.....
Porto Rico.....	5	8	29	18	8	21	10	2	1	36	39	2	97	Porto Rico.....
Rhode Island.....	49	15	13	12	11	22	10	2	3	9	39	54	238	Rhode Island.....
South Carolina.....	105	72	57	39	28	21	16	5	11	22	21	166	362	South Carolina.....
South Dakota.....	105	72	57	39	28	21	16	5	11	22	21	166	362	South Dakota.....
Tennessee.....	173	92	171	152	190	26	16	19	30	33	174	108	1,184	Tennessee.....
Texas.....	56	182	326	282	306	26	15	18	5	12	110	172	1,567	Texas.....
Utah.....	690	574	382	304	298	224	169	30	42	217	457	691	3,598	Utah.....
Vermont.....	284	195	90	38	82	60	31	36	27	97	160	191	1,291	Vermont.....
Virginia.....	693	832	832	719	472	275	121	77	88	164	582	890	6,005	Virginia.....
Washington.....	414	391	399	352	306	298	69	51	28	165	331	328	2,932	Washington.....
West Virginia.....	223	173	192	71	69	20	20	6	30	106	251	432	7,692	West Virginia.....
Wisconsin.....	696	450	385	330	247	306	298	51	88	459	1,696	1,375	5,861	Wisconsin.....
Wyoming.....	53	75	15	20	15	5	2	2	7	66	77	109	4,444	Wyoming.....

## Deaths registered as due to chicken pox, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	1							1					2	Alabama.
California.....					1		1						4	California.
Connecticut.....	1			1								1	2	Connecticut.
Illinois.....	1	4		2	1				1		4		15	Illinois.
Kansas.....			1							1	1		4	Kansas.
Louisiana.....	1												1	Louisiana.
Maine.....	2												3	Maine.
Maryland.....	2			1	3						1		6	Maryland.
Massachusetts.....	1		2				1		1		1	2	8	Massachusetts.
Minnesota.....										1		1	2	Minnesota.
Missouri.....				2								1	3	Missouri.
Nebraska.....			1										1	Nebraska.
New Jersey.....	1	2	1						1			1	8	New Jersey.
New York.....				1	1	4	1	1				3	12	New York.
North Carolina.....	1			2		1					1		5	North Carolina.
North Dakota.....		2											2	North Dakota.
Ohio.....	1	2	1	1		1						2	8	Ohio.
Oklahoma.....					1								1	Oklahoma.
Oregon.....	1												1	Oregon.
Utah.....			1		1								2	Utah.
Washington.....			1	1						1			3	Washington.
Wisconsin.....												1	1	Wisconsin.

Chicken pox—Cases reported, 1922; cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	1923.					State.
		Cases reported, 1922.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama.....	2,423,912	977	1,227	0.51	2	0.00	Alabama.
Alaska.....	1,55,086		74	1.34			Alaska.
Arizona.....	380,960	65	220	.58	0		Arizona.
Arkansas.....	1,816,287	734	922	.51	0		Arkansas.
California.....	3,805,153	5,386	7,928	2.08	4	.00	California.
Colorado.....	960,320	1,306	1,810	1.83	0		Colorado.
Connecticut.....	1,476,483	2,221	2,602	1.76	2	.00	Connecticut.
Delaware.....	230,400	354	151	.66	0		Delaware.
District of Columbia.....	1,437,571	1,186	1,266	2.89	0		District of Columbia.
Florida.....	1,046,287	221	337	.32	0		Florida.
Georgia.....	2,999,196	619	515	.17	0		Georgia.
Hawaii.....	278,964	128	114	.41	0		Hawaii.
Idaho.....	470,179	312	436	.93	0		Idaho.
Illinois.....	6,780,324	13,442	11,514	1.70	15	.00	Illinois.
Iowa.....	2,408,643	449	843	.34	0		Iowa.
Kansas.....	1,797,489	2,081	2,932	1.63	4	.00	Kansas.
Kentucky.....	2,402,317	517	639	.26	0		Kentucky.
Louisiana.....	1,849,746	66	673	1.36	1	.00	Louisiana.
Maine.....	777,239	655	1,077	1.39	3	.00	Maine.
Maryland.....	1,505,285	2,900	3,661	2.43	6	.00	Maryland.
Massachusetts.....	4,027,545	5,177	7,983	1.98	8	.00	Massachusetts.
Michigan.....	3,977,821	5,454	7,328	1.82	0		Michigan.
Minnesota.....	2,696,399	4,374	4,527	1.73	2	.00	Minnesota.
Mississippi.....	1,790,018	4,195	4,034	2.25	6	.00	Mississippi.
Missouri.....	3,443,971	1,524	2,535	.74	3	.00	Missouri.
Montana.....	611,199	676	1,032	1.69	0		Montana.
Nebraska.....	1,323,922	1,058	1,632	.48	1	.00	Nebraska.
Nevada.....	177,467	112	145	1.45	0		Nevada.
New Hampshire.....	447,592	169	89	.20	0		New Hampshire.
New Jersey.....	3,378,963	5,554	7,127	2.11	8	.00	New Jersey.

<sup>1</sup> Population, Jan. 1, 1920.



Chicken pox—Cases reported, 1922; deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923—Continued.

State.	Estimated population, July 1, 1923.	Cases reported, 1922.	1923.				State.
			Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
New Mexico.....	372,265	436	414	1.11	0	0	New Mexico.
New York.....	10,843,661	15,461	20,076	1.85	12	0.00	New York.
North Carolina.....	2,686,325	4,573	3,974	1.48	5	.00	North Carolina.
North Dakota.....	672,041	191	3,368	.49	2	.00	North Dakota.
Ohio.....	6,117,122	8,989	11,023	1.80	8	.00	Ohio.
Oklahoma.....	2,162,679	342	432	.20	1	.00	Oklahoma.
Oregon.....	823,270	667	902	1.10	1	.00	Oregon.
Pennsylvania.....	9,100,326	19,112	19,709	2.17	0	.00	Pennsylvania.
Porto Rico.....	1,363,349	142	97	.07	0	.00	Porto Rico.
Rhode Island.....	1,626,672	142	258	.41	0	.00	Rhode Island.
South Carolina.....	1,744,408	315	302	.17	0	.00	South Carolina.
South Dakota.....	653,332	247	686	1.05	0	.00	South Dakota.
Tennessee.....	2,363,077	1,358	1,184	.49	0	.00	Tennessee.
Texas.....	4,494,630	1,838	1,567	.32	0	.00	Texas.
Utah.....	476,812	1,838	3,838	8.05	2	.00	Utah.
Vermont.....	1,322,428	1,470	1,251	3.55	0	.00	Vermont.
Virginia.....	2,388,441	4,816	6,005	2.50	0	.00	Virginia.
Washington.....	2,794	2,794	2,932	2.06	3	.00	Washington.
West Virginia.....	1,433,998	1,245	1,662	1.07	0	.00	West Virginia.
Wisconsin.....	2,730,574	5,442	5,861	2.14	1	.00	Wisconsin.
Wyoming.....	211,864	264	444	2.10	0	.00	Wyoming.

Population Jan. 1, 1920.

## Cases of dengue reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	70	28	7	14	13	9	12	19	9	4	1	2	188	Alabama.
Arkansas.....	18	2	3	1	4	2	2	5	6	3	7	1	42	Arkansas.
Florida.....	11	8	3	11	3	1	3	1	1	4	1	1	48	Florida.
Georgia.....													44	Georgia.
Hawaii.....													1	Hawaii.
Louisiana.....	991	17	7	15	1	2	10	59	91	161	14	8	1,376	Louisiana.
Mississippi.....	124	35	26	22	16	8	14	8	8	17	23	8	309	Mississippi.
Porto Rico.....									7	7			7	Porto Rico.
Texas.....	176	73	85	17	8	18	9	22	89	329	130	43	999	Texas.

## Deaths registered as due to dengue, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	2		1	1		2	1	1		1			8	Alabama.
Florida.....	5		1										6	Florida.
Georgia.....	14	1			2		1			1	1		20	Georgia.
Louisiana.....	20	5	2	3	2			4		3	3	2	44	Louisiana.
Wisconsin.....						1							1	Wisconsin.

## Dengue—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	188	0.08	8	0.00	23.5	Alabama.
Arkansas.....	1,816,287	12	.01	0			Arkansas.
Florida.....	1,046,287	48	.05	6	.01	8.0	Florida.
Georgia.....	2,994,196	44	.01	20	.01	2.2	Georgia.
Hawaii.....	278,984	1	.00	0			Hawaii.
Louisiana.....	1,840,746	1,376	.74	44	.02	31.3	Louisiana.
Mississippi.....	1,790,618	309	.17				Mississippi.
Porto Rico.....	1,365,349	7	.01	0			Porto Rico.
Texas.....	4,939,630	999	.20	1	.00		Texas.
Wisconsin.....	2,733,574			1			Wisconsin.

<sup>1</sup> Population January 1, 1920.

*Diphtheria—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive.*

State.	Number of years included.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	8	53	38	38	27	21	20	42	105	147	167	107	74	839	Alabama.
Arizona.....	6	9	7	5	4	4	3	3	2	4	6	9	7	64	Arizona.
Arkansas.....	6	38	21	23	15	18	8	7	30	60	142	147	79	568	Arkansas.
California.....	9	354	316	278	281	332	248	222	188	195	381	371	344	3,610	California.
Colorado.....	8	47	40	50	61	51	42	50	43	81	77	85	80	716	Colorado.
Connecticut.....	9	298	211	210	180	159	154	134	104	183	354	338	284	2,618	Connecticut.
Delaware.....	3	22	11	17	17	11	8	8	9	8	40	18	10	179	Delaware.
District of Columbia.....	9	67	61	49	39	40	22	19	17	40	75	119	88	636	District of Columbia.
Florida.....	5	60	31	32	28	17	21	17	32	68	85	104	86	581	Florida.
Georgia.....	4	63	46	42	31	29	36	51	162	305	405	270	128	1,568	Georgia.
Hawaii.....	8	16	14	18	12	13	17	11	11	10	11	10	11	154	Hawaii.
Idaho.....	3	15	18	4	6	6	9	6	13	30	20	32	28	193	Idaho.
Illinois.....	7	1,158	938	1,098	778	703	650	600	527	890	1,599	2,046	1,384	12,407	Illinois.
Indiana.....	9	300	257	223	150	137	105	119	155	269	516	545	485	3,251	Indiana.
Iowa.....	8	90	71	62	50	68	55	51	45	87	165	158	122	1,024	Iowa.
Kansas.....	9	195	126	103	103	87	67	65	68	140	386	418	352	2,110	Kansas.
Kentucky.....	1	264	192	103	74	74	77	72	137	354	479	439	288	2,533	Kentucky.
Louisiana.....	9	84	73	51	45	39	30	47	56	76	114	109	80	804	Louisiana.
Maine.....	7	35	22	35	29	24	24	33	30	29	46	59	59	425	Maine.
Maryland.....	8	254	181	168	108	107	79	83	96	159	302	347	311	2,195	Maryland.
Massachusetts.....	9	876	711	713	608	577	555	427	452	825	902	982	948	8,276	Massachusetts.
Michigan.....	9	645	533	561	457	484	401	408	345	455	707	813	722	6,531	Michigan.
Minnesota.....	9	324	248	253	247	262	188	221	226	271	442	499	370	3,551	Minnesota.
Mississippi.....	9	77	63	43	35	37	37	55	153	173	213	231	172	1,299	Mississippi.
Missouri.....	1	589	435	263	283	122	129	118	147	310	599	441	484	3,920	Missouri.
Montana.....	8	31	26	29	21	28	19	22	13	20	26	33	29	207	Montana.
Nebraska.....	5	61	56	49	47	33	35	32	36	104	184	155	110	902	Nebraska.
Nevada.....	4	2	1	1	1	1	1	1	2	2	2	2	1	12	Nevada.
New Hampshire.....	3	58	35	33	39	27	15	13	12	29	67	95	64	487	New Hampshire.
New Jersey.....	9	698	571	505	460	483	427	349	291	409	687	798	783	6,461	New Jersey.
New Mexico.....	3	94	73	98	67	105	61	77	57	79	116	122	136	1,085	New Mexico.
New York.....	9	2,165	1,867	1,975	1,688	2,076	1,992	1,306	1,010	1,103	1,987	2,053	2,044	21,166	New York.
North Carolina.....	5	262	106	102	88	71	53	65	252	660	876	707	323	3,485	North Carolina.
North Dakota.....	6	38	37	42	20	22	22	31	31	43	60	73	77	312	North Dakota.
Ohio.....	9	751	619	581	463	421	372	347	438	746	1,330	1,387	1,064	8,519	Ohio.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	108	71	70	55	67	28	54	153	259	322	262	135	1,590	Alabama.
Arizona.....	13	8	8	11	20	17	9	14	9	19	19	26	1,173	Arizona.
Arkansas.....	68	24	11	14	9	18	9	21	39	110	105	71	499	Arkansas.
California.....	916	654	626	621	790	579	517	578	633	1,056	1,233	1,316	9,519	California.
Colorado.....	347	269	166	203	216	169	159	145	193	256	248	219	2,590	Colorado.
Connecticut.....	299	191	259	178	225	136	127	124	115	203	264	305	2,426	Connecticut.
Delaware.....	21	14	6	6	19	16	5	8	10	11	34	29	183	Delaware.
District of Columbia.....	120	42	47	45	27	19	11	14	26	74	77	62	564	District of Columbia.
Florida.....	60	44	34	23	26	19	26	30	54	83	111	81	611	Florida.
Georgia.....	68	92	45	63	15	63	46	60	101	301	158	83	1,098	Georgia.
Hawaii.....	19	18	14	16	11	13	24	8	11	20	15	17	186	Hawaii.
Idaho.....	15	12	4	14	15	2	2	7	38	32	33	38	212	Idaho.
Illinois.....	1,628	1,090	1,029	727	671	532	362	411	607	1,114	1,318	1,118	10,677	Illinois.
Indiana.....	1,571	1,326	1,270	186	162	129	64	111	299	450	750	794	4,088	Indiana.
Iowa.....	218	142	116	100	72	61	58	74	170	230	239	173	1,653	Iowa.
Kansas.....	391	175	128	135	105	88	92	105	187	424	450	341	2,621	Kansas.
Louisiana.....	150	131	104	51	54	44	60	102	80	162	166	148	1,251	Louisiana.
Maine.....	46	30	32	13	19	32	29	23	33	63	62	81	454	Maine.
Maryland.....	368	240	200	177	140	110	87	111	127	278	257	229	2,354	Maryland.
Massachusetts.....	890	655	698	609	594	613	482	559	605	1,060	1,151	1,02	9,018	Massachusetts.
Michigan.....	912	568	569	496	360	462	371	419	600	1,002	1,021	945	7,725	Michigan.
Minnesota.....	461	286	218	163	247	214	204	240	465	759	652	521	4,430	Minnesota.
Mississippi.....	99	81	80	46	46	30	60	137	148	417	290	138	1,766	Mississippi.
Missouri.....	459	386	317	259	193	208	117	124	438	635	555	502	4,193	Missouri.
Montana.....	62	36	53	43	25	12	11	32	35	49	56	39	4,456	Montana.
Oklahoma.....	4	65	56	34	35	17	13	37	129	175	160	139	964	Oklahoma.
Oregon.....	9	25	21	24	26	23	14	17	21	33	40	33	345	Oregon.
Pennsylvania.....	1,598	1,229	1,160	1,055	898	828	762	867	1,323	2,160	2,294	1,967	16,138	Pennsylvania.
Porto Rico.....	8	10	10	11	11	5	12	9	13	13	10	17	118	Porto Rico.
Rhode Island.....	8	103	94	77	86	58	54	45	63	93	125	105	1,016	Rhode Island.
South Carolina.....	9	123	81	75	52	59	58	40	419	387	276	166	1,931	South Carolina.
South Dakota.....	7	29	26	24	17	23	22	22	14	44	33	27	305	South Dakota.
Tennessee.....	2	137	80	52	30	15	49	201	432	677	285	204	2,192	Tennessee.
Texas.....	6	178	130	107	59	53	92	81	130	150	352	277	1,679	Texas.
Utah.....	7	40	32	28	23	23	26	26	29	40	42	50	396	Utah.
Vermont.....	9	32	18	25	19	17	22	21	28	40	44	35	324	Vermont.
Virginia.....	9	251	159	128	93	52	67	180	448	708	744	440	3,359	Virginia.
Washington.....	9	85	58	45	57	37	36	38	63	100	72	63	739	Washington.
West Virginia.....	6	164	82	64	56	44	54	84	225	430	382	285	1,967	West Virginia.
Wisconsin.....	9	241	167	162	178	133	154	177	179	312	304	309	2,527	Wisconsin.
Wyoming.....	9	6	6	6	3	2	4	1	10	7	7	4	67	Wyoming.

Cases of diphtheria reported, 1923.

## Cases of diphtheria reported, 1923—Continued.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Nebraska.....	131	94	78	54	34	41	28	83	66	98	149	133	989	Nebraska.
Nevada.....	1	1			1			3		7			12	Nevada.
New Hampshire.....	37	52	28	27	15	25	18	27	27	25	49	47	350	New Hampshire.
New Jersey.....	902	394	610	450	397	349	293	285	351	569	607	684	6,091	New Jersey.
New Mexico.....	210	174	115	111	79	83	84	81	67	68	54	35	1,161	New Mexico.
New York.....	1,654	1,208	1,212	1,131	1,224	1,099	959	660	788	1,475	1,876	1,774	15,090	New York.
North Carolina.....	261	155	150	132	78	73	144	311	817	1,320	851	1,379	4,671	North Carolina.
North Dakota.....	57	66	90	26	22	10	56	51	40	56	140	132	716	North Dakota.
Ohio.....	1,294	772	734	488	499	413	383	829	827	1,462	1,307	1,246	10,044	Ohio.
Oklahoma.....	28	45	93	60	34	16	22	28	33	104	84	59	606	Oklahoma.
Oregon.....	104	49	41	33	70	59	37	38	53	138	153	343	1,108	Oregon.
Pennsylvania.....	1,661	1,353	1,327	1,064	939	835	707	786	1,132	1,907	2,164	2,016	15,893	Pennsylvania.
Porto Rico.....	11	20	15	7	10	25	12	18	27	10	49	58	262	Porto Rico.
Rhode Island.....	79	81	56	66	56	56	45	42	46	94	91	104	816	Rhode Island.
South Carolina.....	258	160	63	135	74	75	100	193	231	439	331	164	2,223	South Carolina.
South Dakota.....	78	56	57	91	44	33	32	24	58	117	88	45	723	South Dakota.
Tennessee.....	62	60	45	27	30	10	21	87	145	253	102	118	960	Tennessee.
Texas.....	102	122	109	72	95	71	58	65	71	138	223	288	1,364	Texas.
Utah.....	84	66	44	37	47	40	36	40	42	50	33	37	576	Utah.
Vermont.....	23	20	23	9	21	16	17	9	27	43	30	27	265	Vermont.
Virginia.....	505	310	227	162	151	93	113	201	545	930	796	533	4,646	Virginia.
Washington.....	116	78	72	88	91	30	84	77	84	109	130	164	1,179	Washington.
West Virginia.....	231	154	113	75	79	88	55	76	273	356	276	92	1,790	West Virginia.
Wisconsin.....	469	248	296	246	211	169	258	211	283	719	707	588	4,409	Wisconsin.
Wyoming.....	3	5	3	3	6	1	1	1	5	27	4	11	70	Wyoming.

## Deaths registered as due to diphtheria, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	18	12	10	8	4	4	8	18	30	38	34	22	206	Alabama.
Arizona.....	3	3	3	2	4	4	4	1	4	7	5	2	34	Arizona.
Arkansas.....	19	7	12	4	4	6	12	1	4	21	21	23	128	Arkansas.
California.....	62	51	35	49	53	40	35	43	63	48	70	91	640	California.
Colorado.....	24	30	24	23	21	16	13	8	17	15	20	22	236	Colorado.





*Diphtheria—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922.*

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923.				State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama.....	2,423,912	8	839	0.35	1,300	0.66	206	0.08	Alabama.
Alaska.....	153,036				2	.04			Alaska.
Arizona.....	380,840	6	64	.20	173	.45	34	.09	Arizona.
Arkansas.....	1,816,287	6	388	.33	499	.27	128	.07	Arkansas.
California.....	3,805,133	9	3,610	1.11	9,519	2.50	640	.17	California.
Colorado.....	990,320	8	716	.78	2,500	2.62	236	.24	Colorado.
Connecticut.....	1,476,483	9	2,618	1.63	2,425	1.64	187	.13	Connecticut.
Delaware.....	236,400	3	179	.79	183	.79	31	.13	Delaware.
District of Columbia.....	1,437,371	9	636	1.51	564	1.29	42	.10	District of Columbia.
Florida.....	1,046,287	5	381	.39	611	.58	86	.08	Florida.
Georgia.....	2,000,196	4	1,368	.53	1,008	.37	271	.09	Georgia.
Hawaii.....	278,684	8	154	.63	186	.67	30	.11	Hawaii.
Idaho.....	470,170	3	103	.33	212	.45	42	.09	Idaho.
Illinois.....	6,700,534	7	12,407	1.93	10,677	1.57	800	.12	Illinois.
Indiana.....	3,013,134	9	3,281	1.13	4,088	1.36	420	.14	Indiana.
Iowa.....	2,468,042	8	1,024	.43	1,633	.67	242	.10	Iowa.
Kansas.....	1,797,080	9	2,110	1.20	2,621	1.46	151	.08	Kansas.
Kentucky.....	2,462,317	1	2,553	1.04	1,257	.51	329	.14	Kentucky.
Louisiana.....	1,846,746	9	804	.45	1,251	.68	147	.08	Louisiana.
Maine.....	777,250	7	425	.55	454	.58	50	.06	Maine.
Maryland.....	1,505,295	8	2,195	1.52	2,354	1.56	148	.10	Maryland.
Massachusetts.....	4,027,545	9	8,276	2.10	9,018	2.24	571	.14	Massachusetts.
Michigan.....	3,977,821	9	6,531	1.65	7,725	1.94	675	.17	Michigan.
Minnesota.....	2,600,306	9	3,551	1.32	4,430	1.77	210	.08	Minnesota.
Mississippi.....	1,700,618	9	1,289	.72	1,766	.99	173	.10	Mississippi.
Missouri.....	3,443,971	1	3,920	1.14	4,193	1.22	392	.11	Missouri.
Montana.....	611,160	8	267	.57	456	.75	52	.09	Montana.
Nebraska.....	1,333,922	5	902	.69	989	.74	138	.10	Nebraska.
Nevada.....	177,407	4	12	.15	12	.16	2	.03	Nevada.
New Hampshire.....	447,592	3	487	1.09	350	.78			New Hampshire.

New Jersey.....	3,378,963	9	6,461	2.11	6,091	1.80	476	0.14	7.8	New Jersey.
New Mexico.....	372,265	3	1,085	2.97	1,161	3.12	261	.70	22.5	New Mexico
New York.....	10,843,661	9	21,166	2.08	15,090	1.39	1,006	.09	6.7	New York.
North Carolina.....	2,686,325	5	3,485	1.35	4,671	1.74	57	.12	7.1	North Carolina.
North Dakota.....	672,041	6	512	.79	716	1.07	57	.08	8.0	North Dakota.
Ohio.....	6,117,122	9	8,519	1.52	10,044	1.64	683	.11	6.8	Ohio.
Oklahoma.....	2,162,079	4	994	.48	1,108	.28	192	.09	31.7	Oklahoma.
Oregon.....	823,270	9	345	.45	1,006	1.35	80	.10	7.2	Oregon.
Pennsylvania.....	9,160,326	9	16,138	1.89	15,893	1.75	1,424	.16	9.0	Pennsylvania.
Porto Rico.....	1,365,349	8	118	.09	262	.19	75	.05	28.6	Porto Rico.
Rhode Island.....	626,672	8	1,016	1.71	816	1.30	115	.07	5.2	Rhode Island.
South Carolina.....	1,744,408	9	1,931	1.16	2,223	1.27	39	.06	5.4	South Carolina.
South Dakota.....	655,532	7	305	.48	723	1.10	240	.10	25.0	South Dakota.
Tennessee.....	2,363,677	2	2,192	.92	960	.40	189	.04	13.9	Tennessee.
Texas.....	4,639,630	6	1,679	.36	1,364	.28	52	.11	9.0	Texas.
Utah.....	476,812	7	396	.90	576	1.21	38	.11	14.3	Utah.
Vermont.....	1,352,428	9	324	.92	265	.75	38	.11	6.8	Vermont.
Virginia.....	2,398,441	9	3,359	1.48	4,646	1.94	314	.13	8.1	Virginia.
Washington.....	1,433,998	9	739	.56	1,179	.82	96	.07	13.2	Washington.
West Virginia.....	1,551,156	6	1,967	1.33	1,790	1.15	237	.15	7.9	West Virginia.
Wisconsin.....	2,739,574	9	2,527	.98	4,400	1.61	347	.13	7.9	Wisconsin.
Wyoming.....	211,864	9	67	.36	70	.33	10	.05	14.3	Wyoming.

Population Jan. 1, 1920.

## Cases of gonorrhea reported, 1923.

State	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sept- ember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	317	359	677	493	559	391	322	503	497	389	366	330	5,203	Alabama.
Arizona.....	7	18	24	20	29	9	12	15	10	7	14	10	1,175	Arizona.
Arkansas.....	155	149	153	157	157	136	177	177	167	136	* 142	191	1,897	Arkansas.
California.....	563	471	464	405	513	429	1,126	1,236	695	859	759	667	8,187	California.
Colorado.....	121	95	113	163	112	95	110	146	184	141	146	96	1,462	Colorado.
Connecticut.....	46	46	50	46	73	41	67	50	57	61	65	77	679	Connecticut.
Delaware.....	43	46	15	12	4	5	32	53	32	41	41	51	365	Delaware.
Florida.....	127	92	77	86	108	101	39	69	131	189	138	221	1,378	Florida.
Georgia.....	263	493	363	554	317	381	352	318	376	261	274	305	4,257	Georgia.
Idaho.....	40	16	18	20	20	9	7	16	50	13	24	25	258	Idaho.
Illinois.....	1,347	741	1,136	1,618	1,400	1,277	1,253	1,675	1,135	1,787	1,529	1,145	16,043	Illinois.
Indiana.....	244	190	183	167	169	204	193	166	189	234	192	161	2,292	Indiana.
Iowa.....	159	118	127	298	115	235	172	297	283	236	160	214	2,824	Iowa.
Kansas.....	126	105	108	93	120	81	107	96	96	179	186	134	1,468	Kansas.
Kentucky.....	851	1,004	1,213	548	1,150	700	744	687	762	844	819	784	10,106	Kentucky.

## Cases of gonorrhea reported, 1923—Continued.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Louisiana.....	232	196	231	234	250	271	258	354	272	241	233	261	3,042	Louisiana.
Maine.....	64	50	45	37	67	68	68	86	78	85	81	52	781	Maine.
Maryland.....	285	292	284	197	168	234	214	282	282	249	157	146	2,740	Maryland.
Massachusetts.....	639	532	604	538	610	644	638	770	672	657	686	592	7,582	Massachusetts.
Michigan.....	821	598	639	733	546	1,061	794	920	1,072	769	846	766	9,565	Michigan.
Minnesota.....	654	378	513	464	514	484	632	845	591	673	494	494	6,765	Minnesota.
Mississippi.....	907	708	973	862	894	886	955	1,042	1,017	1,219	948	939	11,410	Mississippi.
Missouri.....	481	278	336	361	417	390	402	459	370	427	237	336	4,494	Missouri.
Montana.....	40	36	20	36	26	13	33	26	22	42	38	14	346	Montana.
Nebraska.....	298	168	172	203	184	218	255	217	292	240	222	192	2,661	Nebraska.
New Hampshire.....	26	11	12	26	28	21	16	26	44	13	19	23	265	New Hampshire.
New Jersey.....	167	192	135	171	168	187	211	228	203	286	163	219	2,360	New Jersey.
New Mexico.....	12	27	21	45	23	8	18	24	27	17	11	13	246	New Mexico.
New York.....	1,308	608	819	746	806	941	1,540	1,206	953	836	948	766	11,567	New York.
North Carolina.....	280	255	229	291	263	239	276	294	296	298	188	219	3,008	North Carolina.
North Dakota.....	57	46	62	50	36	57	70	80	78	72	63	39	710	North Dakota.
Ohio.....	306	364	364	395	397	350	409	346	433	413	283	397	4,063	Ohio.
Oklahoma.....	148	129	89	75	33	72	302	363	185	192	214	228	2,030	Oklahoma.
Oregon.....	137	144	164	143	171	121	226	193	166	178	143	180	1,966	Oregon.
Pennsylvania.....	250	192	224	170	162	151	209	224	186	221	154	180	2,323	Pennsylvania.
Rhode Island.....	45	31	57	43	39	29	48	50	74	83	48	55	602	Rhode Island.
South Carolina.....	247	167	195	142	169	151	173	170	185	137	144	123	1,943	South Carolina.
South Dakota.....	30	39	22	30	57	36	69	63	90	50	54	28	568	South Dakota.
Tennessee.....	174	237	262	150	184	224	207	221	222	206	216	127	2,430	Tennessee.
Texas.....	751	1,064	1,093	1,115	836	828	635	945	940	497	1,190	735	10,629	Texas.
Utah.....	50	30	11	18	18	18	37	26	36	44	27	26	180	Utah.
Vermont.....	16	20	11	125	160	104	139	118	36	44	27	26	297	Vermont.
Virginia.....	160	208	121	125	160	104	139	118	36	44	27	26	1,625	Virginia.
Washington.....	105	59	69	66	52	61	65	58	85	107	59	99	885	Washington.
West Virginia.....	270	217	190	168	156	217	184	160	97	256	185	243	2,323	West Virginia.
Wisconsin.....	192	158	138	184	159	185	241	224	249	241	227	162	2,390	Wisconsin.
Wyoming.....	3	8	4	6	3	2	2	224	249	1	1	6	133	Wyoming.

\* Data not available for the full year.

Gonorrhea—Cases reported and indicated morbidity rates, 1923.

State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.	State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.	State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.
Alabama.....	2,423,912	5,203	2.15	Louisiana.....	1,849,746	3,042	1.64	North Dakota.....	672,041	710	1.06
Arizona.....	2,380,960	2,175	.46	Maine.....	777,259	3,781	1.00	Ohio.....	6,117,122	4,083	.67
Arkansas.....	1,816,287	1,897	1.04	Maryland.....	1,505,295	2,740	1.82	Oklahoma.....	2,162,079	2,030	.94
California.....	3,805,153	8,187	2.15	Massachusetts.....	4,027,545	7,582	1.88	Oregon.....	823,270	1,966	2.39
Colorado.....	990,320	1,462	1.48	Michigan.....	3,977,821	9,565	2.40	Pennsylvania.....	9,100,326	2,323	.26
Connecticut.....	1,476,483	679	.46	Minnesota.....	2,499,396	6,765	2.71	Rhode Island.....	626,672	602	.96
Delaware.....	230,490	365	1.58	Mississippi.....	1,790,618	11,410	6.37	South Carolina.....	1,744,408	1,943	1.11
Florida.....	1,046,287	1,378	1.32	Missouri.....	3,443,971	4,494	1.30	South Dakota.....	655,532	598	.87
Georgia.....	2,999,196	4,257	1.42	Montana.....	611,199	346	.57	Tennessee.....	2,383,077	2,430	1.01
Idaho.....	2,470,179	258	.55	Nebraska.....	1,333,922	2,661	1.99	Texas.....	4,936,630	10,629	2.15
Illinois.....	6,700,524	16,043	2.36	New Hampshire.....	447,592	265	.59	Vermont.....	1,352,428	297	.84
Indiana.....	3,013,134	2,292	.76	New Jersey.....	3,378,963	2,360	.70	Virginia.....	2,398,441	1,625	.68
Iowa.....	2,468,643	2,324	.94	New Mexico.....	372,265	246	.66	Washington.....	1,433,968	885	.62
Kansas.....	1,797,489	1,468	.82	New York.....	10,843,661	11,567	1.07	West Virginia.....	1,551,156	2,323	1.50
Kentucky.....	2,462,317	10,106	4.10	North Carolina.....	2,686,325	3,008	1.12	Wisconsin.....	2,739,574	2,360	.86

1 Population Jan. 1, 1920.

## Cases of influenza reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	5,698	2,155	1,790	1,258	347	113	52	34	43	88	295	328	12,112	Alabama.
Arkansas.....	9,747	3,129	1,120	607	221	24	17	31	52	142	355	350	13,825	Arkansas.
California.....	696	4,129	1,670	512	599	73	40	17	43	79	192	161	8,081	California.
Connecticut.....	284	1,365	765	49	16	2	1	5	4	11	22	19	2,543	Connecticut.
Delaware.....	210	91	29	2		4		3			2		341	Delaware.
District of Columbia.....														District of Columbia.
Florida.....	229	80	55	18	6	2		4	5	1	3	7	410	Florida.
Georgia.....	513	242	116	37	18	5	11	6	6	20	28	9	1,011	Georgia.
Hawaii.....	3,429	1,703	1,373	309	102	24	13	5	13	25	50	50	7,140	Hawaii.
Illinois.....	32	27	27	51	938	490	154	205	134	113	121	113	2,455	Illinois.
Indiana.....	1,032	3,371	1,735	598	110	14	28	11	43	194	130	100	7,366	Indiana.
Iowa.....	132	888	731	65	19	2	8	18	30	18	22	121	2,054	Iowa.
Kansas.....	1,296	3,385	385	29	5	1	9	9	1	1	7	24	5,088	Kansas.
Louisiana.....	1,972	3,062	1,746	427	72	68	21	13	30	78	72	146	6,707	Louisiana.
Maine.....	54	1,095	2,404	64				1		1	3	7	3,719	Maine.
Maryland.....	4,029	10,900	2,684	412	78	30		29	11	48	122	112	18,453	Maryland.
Massachusetts.....	611	1,162	496	79	22	11	3	11	13	15	23	30	2,466	Massachusetts.
Minnesota.....	54	181	429	118	28	19	10	13	11	10	9	22	904	Minnesota.
Mississippi.....	48,240	16,411	8,133	4,901	951	208	89	168	175	565	1,266	1,206	82,313	Mississippi.
Missouri.....	3,184	3,294	2,904	1,156	103	13	4	4	21	19	37	40	10,829	Missouri.
Montana.....	3,20	237	23	35	30			4	4	5	3		361	Montana.
Nebraska.....	193	532	505	28	5		32	1	7	1	1	1	1,301	Nebraska.
Nevada.....		3	231	6		1						3	250	Nevada.
New Hampshire.....		3											28	New Hampshire.
New Jersey.....	480	1,926	677	138	55	3	7	15	28	42	55	73	3,519	New Jersey.
New Mexico.....	99	206	69	101	3	1	1	1	1	1	5	12	499	New Mexico.
New York.....	2,601	16,363	6,543	785	188	65	27	37	63	87	174	203	27,136	New York.
Ohio.....	2,707	2,946	546	98	30	5	4	6	7	8	40	48	6,454	Ohio.
Oklahoma.....	1,473	1,877	181	2,603	154	30	13	2		37	40	44	6,454	Oklahoma.
Oregon.....	39	181	106	17						1		3	349	Oregon.
Porto Rico.....	1		2,408	7,821	188	7				12	46	3	10,486	Porto Rico.
Rhode Island.....		8	14	3	3				1				37	Rhode Island.
South Carolina.....	4,044	473	586	31	2				55	7	51	45	5,294	South Carolina.
Texas.....	4,440	2,740	8,771	1,189	476	56	27	21	21	187	206	168	14,302	Texas.
Utah.....	212	613	3,815	404	120	17	1	1	2	15	18	17	5,235	Utah.
Virginia.....	52,328	27,901	11,320	3,875	732	423	210	381	531	697	1,033	1,971	101,482	Virginia.
West Virginia.....	5,410	3,201	4,949	255	75	18	13	13	23	32	30	123	10,298	West Virginia.
Wisconsin.....	368	4,538	4,367	694	193	37	20	16	20	47	73	169	10,660	Wisconsin.
Wyoming.....	109	30	25		1						8	14	216	Wyoming.



## Deaths registered as due to influenza, 1923.

State.	Jan- uary.	Feb- ruary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Oc- tober.	No- vember.	De- cember.	Total.	State.
Alabama	531	200	153	123	47	16	11	11	12	18	44	45	1,211	Alabama.
Arizona	27	38	19	12	4	2	3	22	3	3	5	4	141	Arizona.
Arkansas	276	299	294	172	76	95	12	21	9	16	21	60	1,351	Arkansas.
California	72	217	226	128	40	22	20	11	11	21	26	65	859	California.
Colorado	43	112	155	69	33	10	7	3	8	6	8	24	478	Colorado.
Connecticut	77	156	170	57	24	4	5	6	4	9	28	21	561	Connecticut.
Delaware	33	19	15	6	5								81	Delaware.
District of Columbia	46	50	42	8	4	3	5	2	3	4	1	3	139	District of Columbia.
Florida	59	56	56	10	10	27	1	2	16	29	55	13	245	Florida.
Georgia	546	214	220	204	85	27	14	14	16	29	55	67	1,497	Georgia.
Hawaii	6	6	5	7	11	13	12	9	8	6	6	9	68	Hawaii.
Idaho	4	5	6	30	7	8	8	1	2	1	1		44	Idaho.
Illinois	313	822	666	324	117	37	8	28	24	34	63	106	2,556	Illinois.
Indiana	213	537	443	183	153	27	26	28	13	33	45	24	1,700	Indiana.
Iowa	107	328	473	188	68	49	26	18	10	29	27	23	1,346	Iowa.
Kansas	106	401	450	133	38	10	10	3	7	6	16	34	1,214	Kansas.
Kentucky	607	518	370	150	68	13	20	9	16	23	42	55	1,581	Kentucky.
Louisiana	63	257	211	116	19	12	9	4	5	21	37	28	782	Louisiana.
Maine	42	148	149	41	24	9	5	7	8	5	6	5	446	Maine.
Maryland	81	198	125	36	20	3	2	3	8	7	14	10	507	Maryland.
Massachusetts	136	239	307	74	29	11	3	7	5	12	17	26	766	Massachusetts.
Michigan	153	461	311	155	73	28	15	18	15	15	32	35	1,309	Michigan.
Minnesota	52	124	228	106	20	19	8	9	9	6	9	19	609	Minnesota.
Missouri	278	601	795	335	149	61	38	33	43	50	69	71	2,523	Missouri.
Montana	18	29	39	11	7		3	1	4	6		2	120	Montana.
Nebraska	59	207	150	60	19	12	3	3	6	8	5	9	541	Nebraska.
Nevada		1	2	3	1	1							8	Nevada.
New Jersey	105	254	212	69	24	13	7		9	17	14	32	756	New Jersey.
New Mexico	22	40	29	16	8	2	1	2	3	3	2	129	1,250	New Mexico.
New York	264	934	757	224	110	42	20	14	31	37	70	74	2,577	New York.
North Carolina	834	312	255	130	53	30	10	4	9	20	34	57	1,748	North Carolina.
North Dakota	8	10	34	14	1	3					1	3	75	North Dakota.
Ohio	405	865	631	266	102	45	23	19	24	37	60	73	2,550	Ohio.
Oklahoma	18	468	334	38	19	19	15	8	6	6	13	13	1,079	Oklahoma.
Oregon	28	46	64	38	20	5	7	4	5	7	7	10	241	Oregon.

## Deaths registered as due to influenza, 1923—Continued.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Pennsylvania.....	695	1,446	1,164	518	222	102	59	41	69	88	101	149	4,637	Pennsylvania.
Porto Rico.....	11	8	1,109	336	127	25	11	2	4	4	3	7	649	Porto Rico.
South Carolina.....	116	49	50	32	23	5	6	4	2	5	8	15	315	South Carolina.
South Dakota.....	10	29	74	50	21	10	4	2	2	4	2	32	243	South Dakota.
Tennessee.....	954	547	375	274	91	54	29	19	17	40	69	87	2,556	Tennessee.
Texas.....	161	275	376	140	42	6	10	46	3	12	16	26	1,169	Texas.
Utah.....	17	18	32	19	11	6	1	1	2	2	6	7	122	Utah.
Vermont.....	31	78	95	34	12	12	5	4	6	6	9	8	297	Vermont.
Virginia.....	773	496	382	177	57	21	9	12	16	23	35	55	2,056	Virginia.
Washington.....	17	39	76	59	29	4	6	3	4	14	14	14	279	Washington.
West Virginia.....	121	151	112	53	16	11	7	3	3	3	4	21	505	West Virginia.
Wisconsin.....	72	327	329	136	76	23	14	11	10	13	24	29	1,064	Wisconsin.
Wyoming.....	3	6	7	6	3	1	1	1	1	1	1	1	28	Wyoming.

## Influenza—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabi- tants.	Deaths registered, 1923.	Deaths per 1,000 inhabi- tants.	Cases re- ported for each death registered.	State.
Alabama.....	2,423,912	12,112	5.00	1,211	0.50	10.0	Alabama.
Alaska.....	155,036	344	6.25	141	37	4.5	Alaska.
Arizona.....	380,960	15,825	8.71	1,351	74	4.2	Arizona.
Arkansas.....	1,816,287	8,081	2.12	859	23	2.6	Arkansas.
California.....	3,805,153	2,543	1.72	478	48	4.3	California.
Colorado.....	990,329	7,140	2.38	1,407	50	4.8	Colorado.
Connecticut.....	1,476,483	2,455	8.80	2,455	35	25.1	Connecticut.
Delaware.....	230,460	341	1.48	81	36	4.8	Delaware.
District of Columbia.....	143,571	410	.94	130	36	2.6	District of Columbia.
Florida.....	1,046,287	1,011	.97	235	22	4.3	Florida.
Georgia.....	2,960,196	7,140	2.38	1,407	50	4.8	Georgia.
Hawaii.....	278,984	2,455	8.80	98	35	25.1	Hawaii.
Idaho.....	470,179	7,366	1.08	64	14	14	Idaho.
Illinois.....	6,790,524	7,366	1.08	2,556	38	2.9	Illinois.
Indiana.....	3,013,134	2,054	.68	1,700	56	1.2	Indiana.

Iowa.....	2,468,643	5,088	12.26	507	34	0.55	1,346	4.2	Iowa.
Kansas.....	1,707,489	9,482	2.83	507	34	.08	1,214	4.2	Kansas.
Kentucky.....	2,462,317	6,707	3.85	706	19	.80	1,981	4.8	Kentucky.
Louisiana.....	1,849,746	3,719	3.63	1,309	24	.42	1,782	8.6	Louisiana.
Maine.....	1,777,259	6,707	4.78	446	78	.57	446	8.3	Maine.
Maryland.....	1,505,295	18,453	12.26	507	34	.34	507	36.4	Maryland.
Massachusetts.....	4,027,545	2,466	61	706	19	.19	706	3.2	Massachusetts.
Michigan.....	3,977,821	904	36	1,309	24	.33	1,309	3.2	Michigan.
Minnesota.....	2,499,396	82,313	45.97	1,309	24	.78	1,309	1.5	Minnesota.
Mississippi.....	1,700,618	10,829	3.14	523	73	.22	523	59.2	Mississippi.
Missouri.....	3,443,971	611,199	59	120	20	.73	120	4.3	Missouri.
Montana.....	1,333,922	1,301	.98	541	41	.20	541	3.0	Montana.
Nebraska.....	1,77,407	28	3.23	8	10	.41	8	2.4	Nebraska.
Nevada.....	447,592	3,519	1.04	766	22	.10	766	31.2	Nevada.
New Hampshire.....	3,378,963	372,265	1.34	120	20	.35	120	4.7	New Hampshire.
New Jersey.....	10,843,661	27,136	2.50	2,577	24	.24	2,577	3.9	New Jersey.
New Mexico.....	2,686,325	6,117,122	1.06	1,079	50	.35	1,079	10.5	New Mexico.
New York.....	2,672,041	6,454	2.99	241	29	.24	241	3.9	New York.
North Carolina.....	6,117,122	2,162,079	6.454	4,657	51	.65	4,657	10.5	North Carolina.
North Dakota.....	9,100,326	10,486	7.68	649	48	.11	649	16.2	North Dakota.
Ohio.....	2,162,079	6,454	2.99	241	29	.24	241	2.5	Ohio.
Oklahoma.....	9,100,326	10,486	7.68	649	48	.11	649	6.0	Oklahoma.
Oregon.....	1,365,349	626,672	3.03	315	18	.50	315	1.4	Oregon.
Pennsylvania.....	1,744,408	655,532	2.303	2,556	1.07	.29	2,556	1.4	Pennsylvania.
Porto Rico.....	4,039,630	14,302	2.90	1,109	22	.48	1,109	16.2	Porto Rico.
Rhode Island.....	1,476,812	5,295	10.98	122	26	.18	122	16.8	Rhode Island.
South Carolina.....	1,352,428	2,308,441	42.31	2,056	86	.37	2,056	16.8	South Carolina.
South Dakota.....	1,433,968	1,551,156	6.58	270	19	.18	270	1.07	South Dakota.
Tennessee.....	1,551,156	2,739,574	3.90	1,064	33	.22	1,064	12.9	Tennessee.
Texas.....	2,308,441	1,433,968	1.02	211,864	13	.86	211,864	49.4	Texas.
Utah.....	1,433,968	1,551,156	6.58	270	19	.18	270	12.9	Utah.
Vermont.....	1,551,156	2,739,574	3.90	1,064	33	.22	1,064	42.9	Vermont.
Virginia.....	2,308,441	1,433,968	1.02	211,864	13	.86	211,864	84	Virginia.
Washington.....	1,433,968	1,551,156	6.58	270	19	.18	270	49.4	Washington.
West Virginia.....	1,551,156	2,739,574	3.90	1,064	33	.22	1,064	20.2	West Virginia.
Wisconsin.....	2,739,574	10,680	3.90	1,064	33	.22	1,064	33	Wisconsin.
Wyoming.....	211,864	216	1.02	216	13	.13	216	10.0	Wyoming.

Population Jan. 1, 1923

## Cases of malaria reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	66	61	191	242	486	486	611	1,642	1,440	1,104	392	129	6,850	Alabama.
Arkansas.....	127	60	86	119	351	397	1,033	1,424	1,080	841	362	191	5,990	Arkansas.
California.....	8.	6	6	14	17	9	21	26	39	37	11	12	196	California.
Connecticut.....	.....	.....	.....	.....	2	2	10	9	8	5	1	.....	47	Connecticut.
Delaware.....	.....	1	.....	4	5	5	12	7	4	6	2	.....	38	Delaware.
Florida.....	39	33	31	38	62	89	93	150	179	187	98	44	1,043	Florida.
Georgia.....	26	29	30	83	81	97	211	283	265	244	78	29	1,475	Georgia.
Illinois.....	3	3	26	6	4	5	11	14	10	2	4	3	91	Illinois.
Kansas.....	1	1	1	1	.....	1	1	15	2	.....	1	1	29	Kansas.
Louisiana.....	39	34	29	52	62	131	151	130	154	184	60	119	1,145	Louisiana.
Maryland.....	3	1	1	9	21	14	46	32	29	28	3	3	190	Maryland.
Massachusetts.....	.....	1	1	5	2	2	3	3	2	2	1	1	23	Massachusetts.
Michigan.....	.....	.....	.....	.....	1	1	.....	2	4	.....	.....	.....	9	Michigan.
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	Minnesota.
Mississippi.....	2,665	3,344	3,280	5,073	6,194	8,520	13,287	17,141	16,336	10,516	5,539	3,327	95,222	Mississippi.
Nebraska.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	Nebraska.
New Jersey.....	1	.....	2	.....	5	17	10	9	4	4	2	1	64	New Jersey.
New Mexico.....	.....	.....	.....	.....	.....	7	1	7	.....	6	.....	.....	15	New Mexico.
New York.....	3	.....	1	10	17	12	29	45	27	17	18	3	187	New York.
Ohio.....	.....	2	.....	1	.....	5	4	5	.....	3	3	1	22	Ohio.
Oklahoma.....	94	262	.....	.....	12	10	10	16	8	2	61	.....	475	Oklahoma.
Oregon.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	Oregon.
Pennsylvania.....	.....	.....	.....	.....	.....	2	3	3	1	4	3	1	17	Pennsylvania.
Rhode Island.....	.....	.....	.....	.....	17	15	1	.....	.....	.....	1	.....	2	Rhode Island.
South Carolina.....	.....	.....	2	12	.....	32	32	44	.....	30	6	.....	162	South Carolina.
Texas.....	954	925	918	1,585	1,899	2,235	3,028	3,220	2,666	2,230	1,590	1,033	22,193	Texas.
Virginia.....	118	83	141	251	313	381	478	610	524	402	186	124	3,610	Virginia.

## Deaths registered as due to malaria, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	3	3	6	5	7	11	39	38	58	48	24	15	237	Alabama.
Arizona.....	19	13	22	23	30	67	50	122	116	113	78	103	756	Arizona.
Arkansas.....	2	4	4	4	4	1	4	3	6	4	3	5	32	Arkansas.
California.....	2	4	4	4	4	1	4	3	1	4	3	1	32	California.
Connecticut.....	5	4	16	11	13	15	27	42	45	69	30	16	233	Connecticut.
Florida.....	14	14	10	23	22	38	64	73	75	85	45	22	485	Florida.
Georgia.....	11	4	5	5	8	4	12	8	10	4	4	4	79	Georgia.
Illinois.....	11	4	5	2	3	2	1	3	3	2	1	1	79	Illinois.
Indiana.....	1	1	1	2	3	2	1	3	3	4	1	1	19	Indiana.
Iowa.....	1	1	1	1	1	1	1	1	1	1	1	1	2	Iowa.
Kansas.....	2	2	2	4	2	6	8	1	3	6	3	2	4	Kansas.
Kentucky.....	19	13	12	15	14	21	48	50	40	41	26	9	48	Kentucky.
Louisiana.....	1	1	1	1	3	1	1	1	2	1	1	1	308	Louisiana.
Maryland.....	1	1	1	1	1	1	1	1	1	1	1	1	4	Maryland.
Massachusetts.....	1	1	1	1	1	1	1	1	1	1	1	1	5	Massachusetts.
Michigan.....	2	2	3	5	6	21	18	24	29	22	10	6	148	Michigan.
Minnesota.....	2	2	3	5	6	21	18	24	29	22	10	6	148	Minnesota.
Missouri.....	2	2	3	5	6	21	18	24	29	22	10	6	148	Missouri.
Nebraska.....	2	2	3	5	6	21	18	24	29	22	10	6	148	Nebraska.
New Jersey.....	2	2	3	5	6	21	18	24	29	22	10	6	148	New Jersey.
New York.....	1	1	1	1	1	1	1	1	1	1	1	1	7	New York.
North Carolina.....	2	7	5	7	8	13	19	29	24	16	18	5	153	North Carolina.
Ohio.....	4	1	1	3	1	7	12	13	15	15	7	6	4	Ohio.
Oklahoma.....	4	1	1	3	7	7	12	13	15	15	7	6	90	Oklahoma.
Pennsylvania.....	1	1	1	1	1	1	1	1	1	1	1	1	9	Pennsylvania.
Porto Rico.....	90	74	72	83	51	50	71	73	92	81	66	94	897	Porto Rico.
South Carolina.....	1	1	2	2	5	7	19	21	20	11	10	8	103	South Carolina.
South Dakota.....	1	6	8	12	13	11	24	52	45	36	21	8	237	South Dakota.
Tennessee.....	6	2	2	8	10	20	32	38	12	18	7	5	160	Tennessee.
Texas.....	6	2	2	8	10	20	32	38	12	18	7	5	160	Texas.
Vermont.....	1	1	2	2	4	8	10	6	1	5	1	1	2	Vermont.
Virginia.....	1	1	2	2	4	8	10	6	1	5	1	1	47	Virginia.
Washington.....	1	1	2	2	4	8	10	6	1	5	1	1	2	Washington.
West Virginia.....	1	1	2	2	4	8	10	6	1	5	1	1	2	West Virginia.
Wisconsin.....	1	1	2	2	4	8	10	6	1	5	1	1	1	Wisconsin.

Malaria—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	6,830	2.83	257	.11	28.7	Alabama.
Arizona.....	380,900			1	.00		Arizona.
Arkansas.....	1,816,287	5,980	3.29	756	.42	7.9	Arkansas.
California.....	3,805,153	196	.05	32	.01	6.1	California.
Connecticut.....	1,476,483	47	.03	2	.00	23.5	Connecticut.
Delaware.....	280,460	38	.16	0			Delaware.
Florida.....	1,046,287	1,043	1.00	293	.28	3.6	Florida.
Georgia.....	2,996,190	1,475	.49	485	.16	3.0	Georgia.
Illinois.....	6,790,524	91	.01	79	.01	1.2	Illinois.
Indiana.....	3,013,134			19	.01		Indiana.
Iowa.....	2,468,643			2	.00		Iowa.
Kansas.....	1,797,489	29	.02	4	.00	7.2	Kansas.
Kentucky.....	2,462,317			48	.02		Kentucky.
Louisiana.....	1,849,746	1,145	.62	308	.17	3.7	Louisiana.
Maryland.....	1,505,295	1,190	.13	4	.00	47.5	Maryland.
Massachusetts.....	4,027,545	23	.01	5	.00	4.6	Massachusetts.
Michigan.....	3,977,824	9	.00	2	.00	4.5	Michigan.
Minnesota.....	2,496,366	9	.00	1	.00	2.0	Minnesota.
Mississippi.....	1,760,618	95,222	53.18	53	.32	163.9	Mississippi.
Missouri.....	3,445,971			148	.04		Missouri.
Nebraska.....	1,333,922			1	.00		Nebraska.
New Jersey.....	3,378,963	64	.02	2	.00	32.0	New Jersey.
New Mexico.....	372,265	15	.04				New Mexico.
New York.....	10,843,661	187	.02	7	.00	26.7	New York.
North Carolina.....	2,686,325			153	.06		North Carolina.
Ohio.....	6,117,122	22	.00				Ohio.
Oklahoma.....	2,162,079	473	.22	90	.04	5.3	Oklahoma.
Oregon.....	823,270	1	.00	0			Oregon.
Pennsylvania.....	9,160,326	17	.00	9	.00	1.9	Pennsylvania.
Porto Rico.....	1,365,349			897	.66		Porto Rico.
Rhode Island.....	626,672	2	.00				Rhode Island.
South Carolina.....	1,744,408	163	.09	103	.06	1.6	South Carolina.
South Dakota.....	655,532			1	.00		South Dakota.
Tennessee.....	2,363,077			267	.10		Tennessee.
Texas.....	4,936,680	22,113	4.49	131	.03	138.7	Texas.
Vermont.....	1,352,428			2	.01		Vermont.
Virginia.....	2,398,441	3,010	1.51	47	.02	76.8	Virginia.
Washington.....	1,433,998			2	.00		Washington.
West Virginia.....	1,551,156			2	.00		West Virginia.
Wisconsin.....	2,739,574			1	.00		Wisconsin.

Population Jan. 1, 1920.



Measles—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive.

State.	Number of years included.	Jan-uary.	Febru-ary.	March.	April.	May.	June.	July.	August.	Septem-ber.	Octo-ber.	Novem-ber.	Decem-ber.	Total.	State.
Alabama.....	6	20	81	166	154	113	56	30	7	8	7	8	15	665	Alabama.
California.....	9	1,006	2,394	2,263	1,389	1,572	1,003	266	106	175	198	307	404	11,773	California.
Connecticut.....	9	571	671	830	909	982	89	266	89	59	204	360	303	5,939	Connecticut.
Florida.....	5	54	99	117	106	68	35	10	6	3	2	14	10	524	Florida.
Hawaii.....	5	23	37	46	25	21	33	20	13	10	11	10	17	257	Hawaii.
Illinois.....	7	2,016	1,400	2,167	4,717	4,854	2,744	820	181	110	169	389	598	20,165	Illinois.
Indiana.....	5	349	685	793	882	673	448	176	50	41	85	194	451	4,827	Indiana.
Kansas.....	9	325	548	960	1,770	1,472	481	107	27	26	62	120	100	5,968	Kansas.
Kentucky.....	3	353	497	331	355	229	246	221	61	169	35	321	689	3,707	Kentucky.
Maryland.....	8	678	698	1,160	1,527	1,715	1,046	352	79	53	78	205	444	8,037	Maryland.
Massachusetts.....	9	1,866	2,061	2,836	3,603	4,234	3,663	1,347	338	201	400	891	1,148	22,588	Massachusetts.
Michigan.....	9	554	726	1,542	1,467	1,792	862	261	99	69	109	174	320	8,005	Michigan.
Minnesota.....	9	180	235	475	636	696	707	233	46	20	25	42	189	3,484	Minnesota.
Mississippi.....	9	590	569	527	582	476	234	137	67	74	67	166	142	3,422	Mississippi.
Missouri.....	1	23	25	22	66	125	230	74	35	6	9	11	12	638	Missouri.
Nebraska.....	5	74	293	285	290	292	87	25	9	13	16	11	17	1,382	Nebraska.
New Hampshire.....	3	227	287	207	348	408	354	178	21	6	8	48	25	2,117	New Hampshire.
New York.....	5	4,366	5,835	7,962	10,361	11,702	7,639	3,612	1,073	446	633	1,057	1,832	56,478	New York.
North Carolina.....	5	346	529	1,316	1,269	945	505	210	77	75	85	81	152	5,500	North Carolina.
North Dakota.....	5	80	35	123	75	101	45	27	13	6	10	12	28	575	North Dakota.
Ohio.....	9	1,172	1,754	2,298	3,298	3,610	2,654	765	234	122	261	543	571	17,252	Ohio.
Oklahoma.....	4	77	163	139	48	74	36	14	10	1	7	4	17	384	Oklahoma.
Oregon.....	9	61	67	108	327	294	147	33	19	18	26	28	41	1,171	Oregon.
Pennsylvania.....	9	3,050	4,432	5,570	5,860	6,212	5,163	2,314	833	576	1,163	1,671	2,837	36,813	Pennsylvania.
Porto Rico.....	5	112	181	103	95	70	62	9	14	13	82	36	139	916	Porto Rico.
Rhode Island.....	8	51	67	129	268	251	118	69	14	6	15	23	34	1,045	Rhode Island.
South Carolina.....	9	177	156	121	156	99	129	7	4	11	15	24	35	756	South Carolina.
South Dakota.....	7	80	92	96	160	139	88	17	13	6	8	10	16	725	South Dakota.
Vermont.....	9	69	115	234	159	213	208	114	34	21	21	29	43	1,281	Vermont.
Virginia.....	8	1,557	2,344	2,437	2,632	1,633	868	385	118	94	99	208	320	12,085	Virginia.
Washington.....	9	334	465	601	426	345	359	145	37	19	19	32	103	2,885	Washington.
West Virginia.....	6	136	255	344	558	265	148	59	40	14	26	37	59	1,941	West Virginia.
Wisconsin.....	9	521	701	712	684	1,098	454	338	94	60	176	226	326	5,400	Wisconsin.
Wyoming.....	9	57	84	103	53	96	69	11	3	5	3	11	7	5,502	Wyoming.

## Cases of measles reported, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sept- ember.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	71	251	2,705	3,605	6,811	2,405	624	555	272	292	690	1,302	19,673	Alabama.
Arizona.....	19	19	157	157	1,103	50	10	8	10	14	14	72	4,559	Arizona.
Arkansas.....	120	254	561	701	1,479	531	328	118	76	81	208	360	4,913	Arkansas.
California.....	737	1,779	2,866	4,351	6,163	3,712	1,617	923	830	1,217	1,497	1,497	26,881	California.
Colorado.....	30	25	200	1,225	2,362	1,060	291	124	59	203	505	686	6,860	Colorado.
Connecticut.....	2,066	1,575	1,327	1,002	1,035	556	258	114	28	241	572	886	9,660	Connecticut.
Delaware.....	405	218	160	116	114	71	9	6	5	25	36	7	1,172	Delaware.
District of Columbia.....	160	398	1,396	3,182	1,825	430	75	11	7	9	24	31	7,510	District of Columbia.
Florida.....	15	30	183	265	403	403	111	47	88	165	320	622	2,904	Florida.
Georgia.....	175	541	1,966	1,025	1,085	894	307	129	111	214	637	1,134	7,836	Georgia.
Hawaii.....	362	265	288	93	43	27	11	9	13	9	12	31	1,163	Hawaii.
Idaho.....	2	2	2	30	13	3	22	10	23	6	282	1,031	1,426	Idaho.
Illinois.....	2,154	4,011	6,604	10,345	12,045	6,310	1,420	306	125	363	1,033	1,933	46,705	Illinois.
Indiana.....	800	1,055	1,543	4,416	5,421	3,895	496	145	96	91	163	1,555	19,080	Indiana.
Iowa.....	76	119	325	517	738	407	60	10	5	27	120	283	2,687	Iowa.
Kansas.....	149	425	824	2,126	3,374	1,737	434	122	113	335	520	680	10,779	Kansas.
Louisiana.....	17	60	30	19	34	631	150	32	23	214	840	648	3,063	Louisiana.
Maine.....	221	283	433	690	833	906	302	148	128	94	117	204	4,289	Maine.
Maryland.....	758	1,240	1,962	3,561	4,407	2,071	708	190	85	78	163	270	13,531	Maryland.
Massachusetts.....	3,623	3,873	3,669	3,863	4,360	2,985	1,037	271	157	660	1,096	1,320	26,854	Massachusetts.
Michigan.....	619	589	1,045	2,782	8,237	10,219	2,027	367	222	736	1,307	1,901	30,041	Michigan.
Minnesota.....	687	1,391	2,117	3,263	3,451	1,308	89	349	349	826	661	768	15,759	Minnesota.
Mississippi.....	2,303	3,614	4,893	7,264	3,996	1,659	664	407	250	250	641	1,800	25,276	Mississippi.
Missouri.....	2,444	947	4,243	7,212	4,757	2,082	374	139	122	229	758	1,600	22,717	Missouri.
Montana.....	38	20	22	78	117	101	49	24	153	305	672	956	2,535	Montana.
Nebraska.....	38	45	64	172	126	51	35	14	35	77	310	873	1,870	Nebraska.
Nevada.....	1	1	2	2	24	5	6	2	7	18	49	20	140	Nevada.
New Hampshire.....	13	15	130	123	308	429	241	2	345	508	530	530	2,990	New Hampshire.
New Jersey.....	5,731	4,645	3,892	3,801	4,458	2,453	653	118	97	434	789	789	27,789	New Jersey.
New Mexico.....	6	31	215	158	141	154	45	28	22	58	146	32	1,056	New Mexico.
New York.....	3,701	4,383	6,280	7,823	13,668	12,251	4,865	1,164	633	1,701	3,332	4,824	64,625	New York.
North Carolina.....	1,678	4,393	8,492	10,757	5,457	1,754	1,754	97	57	262	1,907	4,079	52,096	North Carolina.
North Dakota.....	41	38	28	142	184	161	144	94	57	202	465	465	2,603	North Dakota.
Ohio.....	5,656	5,975	7,801	10,884	11,026	4,424	992	284	100	300	469	432	47,723	Ohio.
Oklahoma.....	21	123	1,677	395	1,291	215	45	52	5	48	25	83	3,996	Oklahoma.

Oregon.....	24	31	9	13	28	23	14	47	415	1,617	3,125	5,355
Pennsylvania.....	20,620	20,943	17,667	14,008	11,819	6,261	400	459	1,037	1,832	2,600	96,291
Porto Rico.....	822	43	4	2	1	5	1	1	77	38	28	57
Rhode Island.....	80	939	1,315	675	509	177	63	33	33	165	600	4,692
South Carolina.....	62	73	87	96	459	160	70	45	258	332	893	1,935
South Dakota.....	107	233	884	2,594	1,842	628	288	48	220	373	1,080	2,941
Tennessee.....	145	497	834	408	273	395	163	43	90	368	1,058	8,911
Texas.....	14	57	14	33	130	107	54	25	27	20	45	4,757
Utah.....	128	52	79	291	1,257	951	150	214	395	526	777	766
Vermont.....	1,589	3,161	6,928	12,565	10,834	5,643	895	527	841	1,074	1,588	5,375
Virginia.....	18	23	28	73	370	352	177	52	388	1,771	5,071	47,843
Washington.....	544	1,054	1,193	2,469	2,705	2,090	94	71	381	1,731	1,588	8,344
West Virginia.....	5,715	5,000	4,115	4,851	5,449	4,090	283	140	817	937	1,358	10,839
Wisconsin.....	2	6	53	90	47	97	41	23	153	206	433	34,121
Wyoming.....												1,266

## Deaths registered as due to measles, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	3	9	14	40	59	68	42	12	10	9	8	28	302	Alabama.
Arizona.....			6	3		5	2		2				18	Arizona.
Arkansas.....	2	6	10	26	25	53	15	11	5	2	6	28	189	Arkansas.
California.....	6	14	27	47	42	52	51	21	7	7	10	16	300	California.
Colorado.....	2			6	30	17	2			4	4	15	80	Colorado.
Connecticut.....	25	20	34	28	18	6	2		4	4	10	8	159	Connecticut.
Delaware.....	11	15	11	11	4			1					53	Delaware.
District of Columbia.....		1	12	10	4	6	1						34	District of Columbia.
Florida.....		4	4	4	11	4		3	4	5	15	17	74	Florida.
Georgia.....	6	4	10	18	57	73	50	25	15	17	18	53	346	Georgia.
Hawaii.....	8	15	18	6	4	6	5						62	Hawaii.
Illinois.....	19	25	73	117	154	92	32	12	8	10	3	12	557	Illinois.
Indiana.....	8	18	24	46	76	53	10	4	2	1	7	9	258	Indiana.
Iowa.....	3	11	16	12	19	10	2	2	1	1	10	32	119	Iowa.
Kansas.....		6	6	16	21	8	10	1		2		2	72	Kansas.
Kentucky.....	46	48	46	59	46	30	34	17	9	6	12	13	366	Kentucky.
Louisiana.....	1	1	2	5	19	36	14	3	3	7	9	15	117	Louisiana.
Maine.....	3	1	8	8	7	7	6	5	5	2	2	5	59	Maine.
Maryland.....	5	11	17	26	44	19	10	6	3		1	1	143	Maryland.
Massachusetts.....	68	74	54	40	31	18	17	5	2	1	4	6	320	Massachusetts.

## Deaths registered as due to measles, 1923—Continued.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Michigan.....	6	12	9	21	54	68	31	5	9	16	11	16	258	Michigan.
Minnesota.....	6	15	20	43	78	52	19	8	7	11	9	14	282	Minnesota.
Missouri.....	.....	9	29	70	74	40	22	5	6	12	8	26	307	Missouri.
Montana.....	.....	.....	2	.....	3	3	.....	.....	.....	1	.....	8	18	Montana.
Nebraska.....	1	.....	3	4	11	4	3	1	.....	4	3	4	40	Nebraska.
Nevada.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Nevada.
New Jersey.....	57	75	55	39	51	23	14	2	6	6	11	14	355	New Jersey.
New Mexico.....	.....	.....	1	8	6	9	14	2	.....	.....	.....	1	38	New Mexico.
New York.....	37	39	54	80	135	104	60	27	7	9	34	58	659	New York.
North Carolina.....	12	34	86	93	111	89	31	10	4	4	11	27	512	North Carolina.
North Dakota.....	2	.....	.....	6	3	1	1	1	.....	2	.....	3	18	North Dakota.
Ohio.....	43	74	76	105	143	73	40	13	5	6	7	2	587	Ohio.
Oklahoma.....	.....	5	7	16	15	16	15	2	.....	1	3	6	86	Oklahoma.
Oregon.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	6	19	29	Oregon.
Pennsylvania.....	333	281	292	295	177	90	42	9	8	13	23	35	1,508	Pennsylvania.
Porto Rico.....	.....	1	3	2	3	1	2	1	1	2	1	.....	17	Porto Rico.
South Carolina.....	1	6	3	7	10	5	5	2	5	1	.....	5	50	South Carolina.
South Dakota.....	.....	3	3	1	3	3	3	2	1	2	.....	9	29	South Dakota.
Tennessee.....	10	35	73	95	106	45	47	16	16	11	27	19	500	Tennessee.
Texas.....	3	3	15	9	6	.....	6	.....	1	.....	1	4	48	Texas.
Utah.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	4	Utah.
Vermont.....	2	1	.....	2	10	2	5	1	.....	3	6	1	33	Vermont.
Virginia.....	15	31	75	119	99	74	44	30	9	12	15	16	539	Virginia.
Washington.....	.....	.....	.....	1	1	3	2	2	1	.....	3	12	23	Washington.
West Virginia.....	9	37	48	70	61	55	30	14	19	10	8	9	370	West Virginia.
Wisconsin.....	23	30	34	27	28	27	13	3	2	3	5	13	208	Wisconsin.
Wyoming.....	.....	1	1	2	3	2	5	.....	.....	.....	1	4	19	Wyoming.

*Measles—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922.*

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923				State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Alabama.....	2,423,912	6	665	0.28	19,673	8.12	302	0.12	Alabama.
Alaska.....	1,55,036				2	.04			Alaska.
Arizona.....	380,960				559	1.47	18	.05	Arizona.
Arkansas.....	1,816,287				4,913	2.70	189	.10	Arkansas.
California.....	3,806,153	9	11,773	3.61	26,881	7.06	300	.08	California.
Colorado.....	990,320				6,860	6.93	80	.08	Colorado.
Connecticut.....	1,476,483	9	5,939	4.43	9,660	6.54	156	.11	Connecticut.
Delaware.....	230,460				1,172	5.09	53	.23	Delaware.
District of Columbia.....	143,571				7,510	17.16	34	.08	District of Columbia.
Florida.....	1,046,287	5	324	.53	2,904	2.78	74	.07	Florida.
Georgia.....	2,990,196				7,836	2.61	346	.12	Georgia.
Hawaii.....	278,984	5	257	1.04	1,163	4.17	62	.22	Hawaii.
Idaho.....	470,179				1,426	3.03	0		Idaho.
Illinois.....	6,790,524	7	20,165	3.13	46,705	6.88	557	.08	Illinois.
Indiana.....	3,013,134	5	4,827	1.67	19,080	6.33	238	.09	Indiana.
Iowa.....	2,408,643				2,087	1.09	119	.05	Iowa.
Kansas.....	1,797,489	9	5,968	3.41	10,779	6.00	72	.04	Kansas.
Kentucky.....	2,462,317	1	3,707	1.51	5,761	2.34	366	.15	Kentucky.
Louisiana.....	1,849,746				3,063	1.66	117	.06	Louisiana.
Maine.....	777,259				4,289	5.52	59	.08	Maine.
Maryland.....	1,505,295	8	8,037	5.37	15,331	10.32	143	.10	Maryland.
Massachusetts.....	4,027,645	9	22,588	5.58	26,534	6.67	320	.08	Massachusetts.
Michigan.....	3,977,821	9	8,065	2.26	30,041	7.55	258	.06	Michigan.
Minnesota.....	2,499,396	9	3,484	1.49	15,759	6.31	282	.11	Minnesota.
Mississippi.....	1,790,618	9	3,422	1.91	25,276	14.12	283	.13	Mississippi.
Missouri.....	3,443,971	1	638	.19	22,717	6.60	307	.09	Missouri.
Montana.....	611,199				2,335	4.15	18	.03	Montana.
Nebraska.....	1,333,922	5	1,382	1.06	1,870	1.40	40	.03	Nebraska.
Nevada.....	177,407				140	1.81	1	.01	Nevada.
New Hampshire.....	447,592	3	2,117	4.76	2,990	6.68			New Hampshire.

<sup>1</sup> Population Jan. 1, 1920—Continued.

*Measles—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922—Continued.*

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923.				State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
New Jersey.....	3,378,963				27,789	8.22	355	0.11	New Jersey
New Mexico.....	372,265				1,056	2.84	38	.10	New Mexico
New York.....	10,843,661	9	56,478	5.14	64,625	5.96	659	.06	New York
North Carolina.....	2,686,325	5	5,590	2.17	52,066	19.38	512	.19	North Carolina
North Dakota.....	672,941	6	575	.88	2,605	3.18	18	.03	North Dakota
Ohio.....	6,117,122	9	17,232	3.08	47,723	7.80	587	.10	Ohio
Oklahoma.....	2,162,079	4	584	.29	3,996	1.85	86	.04	Oklahoma
Oregon.....	828,270	9	1,171	1.33	5,355	6.50	29	.04	Oregon
Pennsylvania.....	9,106,326	9	39,813	4.35	96,201	10.91	1,508	.17	Pennsylvania
Porto Rico.....	1,365,349	5	916	.71	57	.04	17	.01	Porto Rico
Rhode Island.....	626,072	8	1,045	1.76	4,692	7.49			Rhode Island
South Carolina.....	1,744,408	9	736	.44	1,935	1.11	50	.03	South Carolina
South Dakota.....	655,532	7	725	1.15	2,941	4.49	29	.04	South Dakota
Tennessee.....	2,393,677				8,911	3.72	500	.21	Tennessee
Texas.....	4,939,630				4,257	.86	48	.01	Texas
Utah.....	476,812				766	1.61	4	.01	Utah
Vermont.....	1,332,428	9	1,281	3.03	5,375	13.25	33	.09	Vermont
Virginia.....	2,398,441	8	12,085	5.26	47,843	19.95	539	.22	Virginia
Washington.....	1,433,998	9	2,835	2.18	8,344	5.82	23	.02	Washington
West Virginia.....	1,551,156	6	1,941	1.31	10,839	6.99	370	.24	West Virginia
Wisconsin.....	2,739,574	9	5,400	2.09	34,121	12.45	208	.08	Wisconsin
Wyoming.....	211,864	9	502	2.69	1,266	5.98	19	.09	Wyoming

<sup>1</sup> Population Jan. 1, 1920.





## Deaths registered as due to mumps, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....												2	2	Alabama.
Arizona.....	1							1		2			3	Arizona.
California.....					1								1	California.
Connecticut.....				1									1	Connecticut.
Florida.....		1											1	Florida.
Illinois.....			2	1	2				1				6	Illinois.
Louisiana.....				1									1	Louisiana.
Maryland.....				1									1	Maryland.
Massachusetts.....	5	3					1						10	Massachusetts.
Michigan.....					1								1	Michigan.
Minnesota.....		1	1										2	Minnesota.
New York.....		1		1		1							3	New York.
North Carolina.....			1	1									2	North Carolina.
Ohio.....								1					1	Ohio.
Oklahoma.....	2			1									3	Oklahoma.
Oregon.....			1										1	Oregon.
Utah.....							1						1	Utah.
Wisconsin.....						1							1	Wisconsin.

Mumps—Cases reported, 1922; cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population July 1, 1923.	Cases reported 1922.	1923.					State.
			Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	
Alabama.....	2,422,912	137	261	.11	2	.00	—	Alabama.
Alaska.....	1,55,036		4	.07			—	Alaska.
Arizona.....	380,960	16	175	.46	1	.00	175.0	Arizona.
Arkansas.....	1,816,287	13	313	.17	0		—	Arkansas.
California.....	3,806,153	2,506	1,014	.27	5	.00	202.8	California.

Colorado.....	990,320	708	1,213	1.22	0	.....	.....	.....	Colorado.
Connecticut.....	1,476,483	803	1,327	.60	1	.....	.....	.....	Connecticut.
Delaware.....	230,460	11	12	.05	0	.....	.....	.....	Delaware.
Florida.....	1,045,287	21	40	.04	1	.....	.....	.....	Florida.
Georgia.....	2,899,195	142	220	.07	0	.....	.....	.....	Georgia.
Idaho.....	470,179	9	15	.03	0	.....	.....	.....	Idaho.
Illinois.....	6,790,524	4,874	6,834	1.01	6	.....	.....	.....	Illinois.
Iowa.....	2,408,643	159	790	1.32	0	.....	.....	.....	Iowa.
Kansas.....	1,797,489	721	2,440	1.36	0	.....	.....	.....	Kansas.
Kentucky.....	2,462,317	63	120	.05	0	.....	.....	.....	Kentucky.
Louisiana.....	1,849,746	24	48	.03	2	.....	.....	.....	Louisiana.
Maine.....	777,259	68	197	.25	0	.....	.....	.....	Maine.
Maryland.....	1,505,295	3,503	1,643	1.06	1	.....	.....	.....	Maryland.
Massachusetts.....	4,027,545	4,358	7,707	1.91	10	.....	.....	.....	Massachusetts.
Michigan.....	3,977,821	2,106	2,107	.53	1	.....	.....	.....	Michigan.
Minnesota.....	2,469,396	.....	.....	.....	2	.....	.....	.....	Minnesota.
Mississippi.....	1,790,618	592	1,147	.64	.....	.....	.....	.....	Mississippi.
Missouri.....	3,443,971	363	831	.24	0	.....	.....	.....	Missouri.
Montana.....	611,199	427	24	.04	0	.....	.....	.....	Montana.
Nebraska.....	1,333,922	799	642	.48	0	.....	.....	.....	Nebraska.
Nevada.....	177,407	39	4	.05	0	.....	.....	.....	Nevada.
New Hampshire.....	447,592	69	135	.30	.....	.....	.....	.....	New Hampshire.
New Mexico.....	372,265	147	159	.43	.....	.....	.....	.....	New Mexico.
New York.....	10,843,661	11,065	11,891	1.10	4	.....	.....	.....	New York.
North Carolina.....	2,686,325	.....	.....	.....	2	.....	.....	.....	North Carolina.
Ohio.....	6,117,122	1,939	1,705	.28	3	.....	.....	.....	Ohio.
Oklahoma.....	2,162,070	4	106	.05	3	.....	.....	.....	Oklahoma.
Oregon.....	2,823,270	231	129	.16	1	.....	.....	.....	Oregon.
Pennsylvania.....	9,100,326	7,235	6,130	.67	0	.....	.....	.....	Pennsylvania.
Porto Rico.....	1,365,349	2	2	.00	0	.....	.....	.....	Porto Rico.
Rhode Island.....	626,672	121	77	.12	.....	.....	.....	.....	Rhode Island.
South Carolina.....	1,744,408	30	152	.06	0	.....	.....	.....	South Carolina.
South Dakota.....	655,532	.....	145	.22	0	.....	.....	.....	South Dakota.
Texas.....	4,939,630	461	729	.15	0	.....	.....	.....	Texas.
Utah.....	476,812	.....	755	1.58	2	.....	.....	.....	Utah.
Vermont.....	132,428	450	673	1.91	0	.....	.....	.....	Vermont.
Washington.....	1,433,998	1,735	906	.63	0	.....	.....	.....	Washington.
Wisconsin.....	2,739,574	316	314	.11	1	.....	.....	.....	Wisconsin.
Wyoming.....	211,864	79	34	.16	0	.....	.....	.....	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.

*Cases of pellagra reported, 1923.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	28	18	35	46	102	126	65	51	47	24	16	18	586	Alabama.....
Arkansas.....	18	7	14	17	42	76	152	54	76	49	26	13	544	Arkansas.....
California.....	4	3	3	6	4	1	4	3	2	4	4	4	42	California.....
Louisiana.....	6	11	4	11	41	39	48	23	19	22	15	11	249	Louisiana.....
Maryland.....	4	1				1			2				4	Maryland.....
Massachusetts.....	1				1		5	2	1	1	3	2	16	Massachusetts.....
Michigan.....		1								1			2	Michigan.....
Mississippi.....	121	153	209	366	674	1,026	880	608	416	265	184	146	5,048	Mississippi.....
New Mexico.....						1				1			1	New Mexico.....
Pennsylvania.....						1	1	1	1	1		1	5	Pennsylvania.....
Porto Rico.....													1	Porto Rico.....
Tennessee.....	22	33	45	56	54	50	63	66	86	34	25	20	563	Tennessee.....
Virginia.....	9	9	28	30	56	21	32	17	36	19	17	9	253	Virginia.....

*Deaths registered as due to pellagra, 1923.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	26	16	24	23	30	31	49	38	53	33	32	22	377	Alabama.
Arizona.....	1	1	1	1	1	1	1	1	1	1	1	1	4	Arizona.
Arkansas.....	6	3	11	8	15	25	21	33	32	21	17	24	216	Arkansas.
California.....	5	1	3	1	5	3	9	1	6	3	9	5	50	California.
Connecticut.....									2				2	Connecticut.
Florida.....	6	7	9	9	13	8	5	7	8	4	8	7	91	Florida.
Georgia.....	35	16	32	30	42	40	53	57	41	49	23	25	443	Georgia.
Illinois.....			1		1			1	1			1	5	Illinois.
Indiana.....		1											1	Indiana.
Iowa.....	2								1	1			4	Iowa.
Kansas.....					1		1		1		1		4	Kansas.
Kentucky.....	1	2	4	3		8		11	4	4	7	9	63	Kentucky.
Louisiana.....	3	7	7	12	10	18	23	14	16	15	14	2	148	Louisiana.
Maine.....			1			2	1		1				5	Maine.
Maryland.....									1		1		1	Maryland.

Massachusetts.....	1	12	13	18	18	1	20	29	34	21	17	1	3	1	11	Massachusetts.
Minnesota.....	1	7	3	7	3	1	3	7	8	8	6	1	1	1	3	Minnesota.
Missouri.....	2	7	3	7	3	2	3	7	8	8	6	2	1	1	9	Missouri.
Nebraska.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Nebraska.
New Jersey.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	New Jersey.
North Carolina.....	9	12	13	18	18	18	20	29	34	21	17	1	3	1	224	North Carolina.
Oklahoma.....	6	7	3	7	3	3	3	7	8	8	6	2	4	2	64	Oklahoma.
South Carolina.....	14	14	15	17	28	28	28	28	28	36	34	19	30	20	291	South Carolina.
Tennessee.....	18	20	18	22	27	31	31	32	31	24	25	15	15	20	286	Tennessee.
Texas.....	24	20	21	23	27	31	31	27	23	12	18	16	16	9	255	Texas.
Vermont.....	5	5	5	6	6	5	10	10	5	6	6	1	4	12	2	Vermont.
Virginia.....	5	5	5	6	6	5	10	10	5	6	6	1	4	12	79	Virginia.
West Virginia.....	1	1	1	2	2	1	1	1	1	1	1	1	1	1	6	West Virginia.
Wisconsin.....	2	2	2	2	2	1	1	1	1	1	1	1	1	1	4	Wisconsin.

*Pellagra—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	586	.24	377	.16	1.6	Alabama.
Arizona.....	1,380,960	344	.30	216	.12	2.5	Arizona.
Arkansas.....	1,816,287	42	.01	30	.01	1.4	Arkansas.
California.....	3,805,133	42	.01	30	.01	1.4	California.
Connecticut.....	1,476,483			2	.00		Connecticut.
Florida.....	1,046,287			91	.09		Florida.
Georgia.....	2,099,196			443	.13		Georgia.
Illinois.....	6,790,324			5	.00		Illinois.
Indiana.....	3,013,134			1	.00		Indiana.
Iowa.....	2,468,643			4	.00		Iowa.
Kansas.....	1,797,489			4	.00		Kansas.
Kentucky.....	2,462,317			63	.03		Kentucky.
Louisiana.....	1,849,746	249	.13	148	.08	1.7	Louisiana.
Maine.....	1,777,299			5	.01		Maine.
Maryland.....	1,506,285	4	.00		.00	4.0	Maryland.
Massachusetts.....	4,027,545	16	.00	11	.00	1.5	Massachusetts.
Michigan.....	3,977,821	2	.00				Michigan.
Minnesota.....	2,499,396			3	.00		Minnesota.
Mississippi.....	1,790,618	5,048	2.82	413	.23	12.2	Mississippi.
Missouri.....	3,443,971			9	.00		Missouri.

*Pellagra—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923—Continued.*

Cases.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered	State.
Nebraska.....	1,333,922			1	0.00		Nebraska.
New Jersey.....	3,378,963			2	.00		New Jersey.
New Mexico.....	372,265	4	.01				New Mexico.
North Carolina.....	2,686,325			224	.08		North Carolina.
Oklahoma.....	2,162,079			64	.03		Oklahoma.
Pennsylvania.....	9,100,326	5	.00				Pennsylvania.
Porto Rico.....	1,305,349	1	.00				Porto Rico.
South Carolina.....	1,744,008			291	.17		South Carolina.
Tennessee.....	2,893,077	563	.24	299	.12	2.0	Tennessee.
Texas.....	4,899,680			255	.05		Texas.
Vermont.....	1352,928			2	.01		Vermont.
Virginia.....	2,398,441	253	.11	79	.03	3.2	Virginia.
West Virginia.....	1,551,156			6	.00		West Virginia.
Wisconsin.....	2,789,574			4	.00		Wisconsin.

<sup>1</sup> Population Jan. 1, 1920.

*Cases of pneumonia (all forms) reported, 1923.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	585	475	639	468	289	100	71	81	44	73	307	451	3,583	Alabama.
California.....	701	818	464	305	302	245	185	192	170	221	224	362	4,223	California.
Connecticut.....	226	285	277	147	93	58	32	23	26	41	8	8	1,373	Connecticut.
Delaware.....	72	44	25	26	20	11	12	4	10	12	26	52	303	Delaware.
Florida.....	157	118	94	67	51	36	27	26	35	61	111	27	810	Florida.
Illinois.....	2,677	3,099	3,196	2,439	1,497	718	388	330	471	814	1,012	1,229	18,280	Illinois.
Kansas.....	392	669	298	162	91	27	185	19	14	41	102	149	1,974	Kansas.
Louisiana.....	249	315	355	231	181	113	117	120	122	245	283	368	2,690	Louisiana.
Maryland.....	1,089	1,494	1,053	646	469	199	96	86	107	166	263	343	6,051	Maryland.
Massachusetts.....	901	974	790	463	341	165	92	80	110	197	269	377	4,759	Massachusetts.



Michigan.....	1,213	1,383	747	801	816	556	269	130	170	311	352	451	7,139	Michigan.
Minnesota.....	250	367	383	270	179	87	55	50	68	110	182	189	2,197	Minnesota.
Mississippi.....	2,869	2,113	1,612	1,154	479	193	188	248	236	417	849	1,266	11,624	Mississippi.
Montana.....	28	29	17	13	7	4	3	4	6	5	5	7	128	Montana.
Nevada.....	8	19	15	15	7	2	8	3	1	5	9	18	110	Nevada.
New Hampshire.....	2	5	6	552	444	232	109	127	110	202	380	624	14	New Hampshire.
New Jersey.....	1,043	1,461	963	532	444	1,339	793	596	700	1,055	1,769	2,281	6,277	New Jersey.
New York.....	3,715	6,752	5,029	2,731	2,193	1,339	1,093	1,066	1,100	1,202	1,769	2,281	29,012	New York.
Oklahoma.....	710	732	3,070	395	138	12	18	5	4	31	42	46	5,223	Oklahoma.
Pennsylvania.....	1,676	1,100	994	627	444	231	139	169	170	290	404	563	6,176	Pennsylvania.
Rhode Island.....	13	8	18	16	8	3	5	2	2	1	8	2	84	Rhode Island.
Utah.....	239	144	156	94	52	38	30	32	19	40	52	116	1,012	Utah.

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1 Lobar pneumonia only.

## Deaths registered as due to pneumonia (all forms), 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	385	240	284	251	128	85	84	80	71	114	218	287	2,227	Alabama.
Arizona.....	79	77	54	63	14	35	23	33	27	27	18	50	500	Arizona.
Arkansas.....	289	263	259	210	97	98	36	43	35	43	75	213	1,661	Arkansas.
California.....	485	587	435	310	273	217	176	156	191	214	271	475	3,790	California.
Colorado.....	231	229	208	114	76	50	35	30	34	72	87	125	1,291	Colorado.
Connecticut.....	328	346	306	222	131	76	46	58	53	68	97	148	1,879	Connecticut.
Delaware.....	72	44	44	15	12	3	2	2	8	16	8	39	246	Delaware.
District of Columbia.....	180	192	150	163	72	49	31	39	38	45	59	57	1,015	District of Columbia.
Florida.....	133	90	77	59	49	30	31	34	34	52	89	118	796	Florida.
Georgia.....	558	290	291	253	109	65	81	67	75	93	214	255	2,331	Georgia.
Hawaii.....	72	63	62	91	75	64	56	40	54	53	57	57	753	Hawaii.
Idaho.....	76	38	27	70	40	38	31	11	6	21	16	23	397	Idaho.
Illinois.....	1,028	1,417	1,136	869	590	336	211	179	220	309	404	611	7,370	Illinois.
Indiana.....	592	710	517	364	251	117	94	88	96	170	283	241	3,523	Indiana.
Iowa.....	392	447	437	232	158	130	62	74	86	94	181	155	2,448	Iowa.
Kansas.....	395	386	289	143	77	50	29	28	40	69	113	135	1,634	Kansas.
Kentucky.....	275	384	309	290	143	101	70	74	90	182	245	243	2,924	Kentucky.
Louisiana.....	232	238	266	172	108	67	73	74	71	102	185	199	1,787	Louisiana.
Maine.....	139	255	190	108	65	48	30	28	23	53	78	89	1,106	Maine.
Maryland.....	383	515	414	240	176	106	54	66	88	105	164	171	2,482	Maryland.

## Deaths registered as due to pneumonia (all forms), 1923—Continued.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Massachusetts <sup>1</sup> .....	447	509	354	249	140	86	44	36	45	104	123	174	2,311	Massachusetts.
Michigan.....	709	948	575	550	408	238	139	127	154	219	251	321	4,719	Michigan.
Minnesota.....	231	329	328	212	148	77	45	56	59	101	101	160	1,920	Minnesota.
Missouri.....	873	896	732	446	254	126	127	124	143	227	363	368	4,679	Missouri.
Nebraska.....	195	294	173	83	64	46	46	30	35	32	88	90	1,152	Nebraska.
Nevada.....	7	18	12	13	7	2	8	3	1	5	9	8	93	Nevada.
New Jersey.....	644	868	653	437	295	166	106	118	122	190	261	325	4,185	New Jersey.
New Mexico.....	63	69	75	56	27	16	17	14	19	20	19	25	420	New Mexico.
New York.....	1,785	2,828	2,305	1,409	1,028	681	441	449	448	705	885	1,090	14,054	New York.
North Carolina.....	498	315	300	271	190	94	77	79	98	116	226	327	2,591	North Carolina.
North Dakota.....	55	71	72	57	40	19	9	9	19	21	23	36	431	North Dakota.
Ohio.....	1,002	1,510	1,075	764	490	285	184	176	233	339	473	716	7,247	Ohio.
Oklahoma.....	478	559	281	129	69	30	31	43	5	76	105	87	1,893	Oklahoma.
Oregon.....	71	74	93	62	47	24	18	20	23	35	63	44	574	Oregon.
Pennsylvania.....	2,443	2,936	2,297	1,671	1,151	610	402	387	477	781	954	1,122	15,231	Pennsylvania.
Porto Rico.....	102	88	125	233	142	56	68	62	22	67	87	105	1,157	Porto Rico.
South Carolina.....	378	246	266	188	140	99	65	58	57	80	158	228	1,933	South Carolina.
South Dakota.....	51	72	92	84	27	21	10	8	14	11	20	74	484	South Dakota.
Tennessee.....	493	265	373	305	155	86	77	79	79	149	226	239	2,556	Tennessee.
Texas.....	605	643	573	359	159	95	79	68	61	94	172	195	3,103	Texas.
Utah.....	66	53	72	38	23	19	14	21	8	30	30	53	421	Utah.
Vermont.....	20	30	73	20	15	15	14	10	7	21	25	27	366	Vermont.
Virginia.....	395	345	293	258	143	79	55	59	66	81	167	226	2,147	Virginia.
Washington.....	93	117	141	84	69	47	40	38	27	78	94	105	933	Washington.
West Virginia.....	360	385	676	169	108	77	51	36	73	92	123	173	2,323	West Virginia.
Wisconsin.....	422	477	461	301	254	139	92	70	104	148	203	246	2,917	Wisconsin.
Wyoming.....	39	49	45	25	20	8	4	11	4	12	14	23	254	Wyoming.

<sup>1</sup> Lobar pneumonia only.<sup>2</sup> Population Jan. 1, 1920.

*Pneumonia (all forms)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	3,583	1.48	2,227	0.92	1.6	Alabama.
Arizona.....	380,900	.....	.....	500	1.31	.....	Arizona.
Arkansas.....	1,816,287	.....	.....	1,661	0.91	.....	Arkansas.
California.....	3,805,133	14,223	1.11	3,790	1.00	.....	California.
Colorado.....	990,320	.....	.....	1,291	1.30	.....	Colorado.
Connecticut.....	1,476,483	11,373	1.93	1,879	1.27	.....	Connecticut.
Delaware.....	290,460	305	1.32	246	1.07	1.2	Delaware.
District of Columbia.....	743,571	.....	.....	1,015	2.32	.....	District of Columbia.
Florida.....	1,046,287	810	.77	796	.76	1.0	Florida.
Georgia.....	2,993,196	.....	.....	2,331	.78	.....	Georgia.
Hawaii.....	278,984	.....	.....	753	2.70	.....	Hawaii.
Idaho.....	470,179	.....	.....	397	.84	.....	Idaho.
Illinois.....	6,790,324	18,280	2.69	7,370	1.09	2.5	Illinois.
Indiana.....	3,013,134	.....	.....	3,523	1.17	.....	Indiana.
Iowa.....	2,468,643	.....	.....	2,449	.99	.....	Iowa.
Kansas.....	1,797,489	1,974	1.10	1,634	.91	1.2	Kansas.
Kentucky.....	2,462,317	.....	.....	2,924	1.19	.....	Kentucky.
Louisiana.....	1,845,746	2,099	1.46	1,787	.97	1.5	Louisiana.
Maine.....	777,250	.....	.....	1,106	1.42	.....	Maine.
Maryland.....	1,306,295	6,051	4.02	2,482	1.65	2.4	Maryland.
Massachusetts.....	4,027,545	14,759	1.18	12,311	1.37	2.1	Massachusetts.
Michigan.....	3,977,821	7,139	1.79	4,719	1.19	1.5	Michigan.
Minnesota.....	2,496,386	2,197	.88	1,920	.77	1.1	Minnesota.
Mississippi.....	1,760,618	11,624	6.49	1,318	.74	8.8	Mississippi.
Missouri.....	3,443,971	.....	.....	4,679	1.36	.....	Missouri.
Montana.....	611,169	128	.21	.....	.....	.....	Montana.
Nebraska.....	1,333,922	.....	.....	1,152	.86	.....	Nebraska.
Nevada.....	77,407	110	1.42	93	1.20	1.2	Nevada.
New Hampshire.....	447,962	14	.03	.....	.....	.....	New Hampshire.
New Jersey.....	3,378,963	6,277	1.86	4,185	1.24	1.5	New Jersey.
New Mexico.....	372,265	.....	.....	420	1.13	.....	New Mexico.
New York.....	10,843,661	29,012	2.68	14,054	1.30	2.1	New York.
North Carolina.....	2,666,325	.....	.....	2,591	.96	.....	North Carolina.
North Dakota.....	672,041	.....	.....	64	.04	.....	North Dakota.
Ohio.....	6,117,122	.....	.....	7,247	1.18	.....	Ohio.

*Pneumonia (all forms)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923—Continued.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Oklahoma.....	2,162,079	5,223	2.42	1,893	0.88	2.8	Oklahoma.
Oregon.....	823,270	.....	.....	574	.70	.....	Oregon.
Pennsylvania.....	9,100,326	16,176	1.68	15,231	1.67	.....	Pennsylvania.
Porto Rico.....	1,365,349	.....	.....	1,157	.85	.....	Porto Rico.
Rhode Island.....	626,672	84	.13	.....	.....	.....	Rhode Island.
South Carolina.....	1,744,408	.....	.....	1,933	1.11	.....	South Carolina.
South Dakota.....	655,532	.....	.....	484	.74	.....	South Dakota.
Tennessee.....	2,363,077	.....	.....	2,556	1.07	.....	Tennessee.
Texas.....	4,939,630	.....	.....	3,103	.63	.....	Texas.
Utah.....	476,812	1,012	2.12	421	.88	2.4	Utah.
Vermont.....	332,428	.....	.....	366	1.04	.....	Vermont.
Virginia.....	2,898,441	.....	.....	2,147	.90	.....	Virginia.
Washington.....	1,433,908	.....	.....	933	.65	.....	Washington.
West Virginia.....	1,551,156	.....	.....	2,323	1.50	.....	West Virginia.
Wisconsin.....	2,739,574	.....	.....	2,917	1.06	.....	Wisconsin.
Wyoming.....	211,864	.....	.....	254	1.20	.....	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.

<sup>1</sup> Lobar pneumonia only.

*Poliomyelitis (infantile paralysis)—Monthly estimated expectancy based on data which are available for the years 1914 to 1923, inclusive.*

State.	Number of years included.	Jan- uary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	6	2	1	1	1	2	3	5	2	3	2	2	1	25	Alabama.
Arizona.....	3	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	Arizona.
Arkansas.....	2	1	1	.....	.....	.....	1	2	9	3	3	.....	.....	19	Arkansas.
California.....	9	4	2	3	2	3	6	5	10	8	9	8	8	68	California.
Colorado.....	5	.....	.....	1	.....	1	.....	1	2	3	2	1	.....	10	Colorado.
Connecticut.....	9	1	1	1	1	1	1	3	6	8	9	4	2	38	Connecticut.
Delaware.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	Delaware.
District of Columbia.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	District of Columbia.
Florida.....	5	1	1	.....	1	1	.....	.....	2	1	2	.....	.....	6	Florida.
Georgia.....	4	1	1	1	1	1	2	2	1	2	2	3	1	18	Georgia.



Cases of poliomyelitis (infantile paralysis) reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....		3	2		1	1	3	10	2	2			24	Alabama.
Arizona.....							1			1	1		3	Arizona.
Arkansas.....	1	2					2	4	4	3	2		18	Arkansas.
California.....	3		1	2	7	5	8	23	40	91	39	28	260	California.
Colorado.....									1	5	1		8	Colorado.
Connecticut.....	1	1	1		1		9	18	24	17	9	7	88	Connecticut.
District of Columbia.....	1								3	3	4	1	19	District of Columbia.
Florida.....		2	1		1	2		3	2	10	4	2	14	Florida.
Georgia.....				1	1	1	1					1	4	Georgia.
Illinois.....	5	5	7	8	5	4	8	37	54	63	15	6	217	Illinois.
Indiana.....	1	4			1	3	1	1	5	4	4	3	27	Indiana.
Kansas.....			2				10	73	29	20	9	2	148	Kansas.
Louisiana.....	3	2		1	2	4	4	3	4	3	1	1	30	Louisiana.
Maine.....	2	1	1		2			2	2	2	1	1	14	Maine.
Maryland.....	2	4	2	3	2		2	2	2	1	6	1	27	Maryland.
Massachusetts.....	10	9	5	6	4	4	8	26	38	48	40	25	223	Massachusetts.
Michigan.....	1	2	4	3			3	7	7	7	4	4	39	Michigan.
Minnesota.....	1			1	3	1	10	20	17	14	4	5	81	Minnesota.
Mississippi.....	4	4	2	5	4	5	4	1	3	7	3	1	43	Mississippi.
Missouri.....	1			1	4		3	10	9	12	5	8	53	Missouri.
Montana.....	1	1		1				3	4	2	4		16	Montana.
Nebraska.....	2			2			4	36	32	18	8	1	107	Nebraska.
New Hampshire.....						1		2					6	New Hampshire.
New Jersey.....	3	1	3	3	2	3	13	43	39	59	30	12	211	New Jersey.
New Mexico.....										1			2	New Mexico.
New York.....	18	7	9	2	17	24	127	231	195	197	75	41	943	New York.
North Carolina.....	1		1	1		2	2	2	2	2	2	2	15	North Carolina.
North Dakota.....	1	1	2			1		6	4	3	4	2	23	North Dakota.
Ohio.....	4	3	2	3	3	1	9	10	18	25	1	4	82	Ohio.
Oregon.....		2		2					1	1		1	7	Oregon.
Pennsylvania.....	3	2	5	5	3	3	5	23	49	45	31	1	175	Pennsylvania.
Rhode Island.....	1			1			2			1			7	Rhode Island.
South Dakota.....			1		2	2	5	3	6		4		25	South Dakota.
Utah.....									1	1			2	Utah.
Vermont.....				1	1		2	14	12	11	1	1	43	Vermont.
Virginia.....							62	21	11	12	7	5	147	Virginia.
Washington.....	8	3	2	4	4	8	1	7	5	1	1	3	22	Washington.
West Virginia.....	1	1		1	1		7	10	2	2		2	24	West Virginia.
Wisconsin.....							9	8	8	10	6	5	54	Wisconsin.
Wyoming.....	2	1	2	1	4	2	4	1					4	Wyoming.



Deaths registered as due to poliomyelitis (infantile paralysis), 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....						2	3	1	3		1	3	13	Alabama.
Arkansas.....			3	1		1		4				2	2	Arkansas.
California.....		2	3	1	1	2	5	1	7	3	5	2	33	California.
Colorado.....			1									1	3	Colorado.
Connecticut.....		2					1	2	2	1	1		10	Connecticut.
Delaware.....						1			1				2	Delaware.
District of Columbia.....													1	District of Columbia.
Florida.....	2				1		1	1	1				6	Florida.
Hawaii.....	1		1			1							3	Hawaii.
Idaho.....	1		1								1		3	Idaho.
Illinois.....	3	1	2	3	2	2	7	5	7	9	1	3	45	Illinois.
Indiana.....	3	1	1			2	1	5	3	3	3	3	25	Indiana.
Iowa.....	1	1	1	3	10	4	3	7	1	10	10	11	62	Iowa.
Kansas.....		2	1	2	2	1	1	13	7	6	4		38	Kansas.
Kentucky.....	1	1	1	1	1	2	1			4	2	1	15	Kentucky.
Louisiana.....	1	2	1		1	1		1		1		1	9	Louisiana.
Maine.....			2	1	1		1		1	2			6	Maine.
Maryland.....		2	1		2		1	4	4		6		36	Maryland.
Massachusetts.....	3	2	2	3	1	1	3	1	2			2	18	Massachusetts.
Michigan.....	2	4												Michigan.
Minnesota.....							2	2	4	4			16	Minnesota.
Missouri.....				1	2	1	2	4	1	2		3	27	Missouri.
Montana.....		1	2	1		3	1	4	1			2	4	Montana.
Nebraska.....													1	Nebraska.
New Jersey.....	3	1		1	1	1		9	9	4	3	1	32	New Jersey.
New York.....	3	4	4	3	4	6	8	26	13	18	12	4	105	New York.
North Carolina.....	3	1				1	2		1				6	North Carolina.
North Dakota.....						1	1						2	North Dakota.
Ohio.....	2	1	2	2	3	3	2	6	3	7	2	1	32	Ohio.
Oklahoma.....		1	1		1	1		1	3	2	2		10	Oklahoma.
Oregon.....	1	1											5	Oregon.
Pennsylvania.....	1	2	5	3	3	2	5	11	8	7	6	3	57	Pennsylvania.
South Carolina.....	2	3						1	2	2			12	South Carolina.
South Dakota.....	1			1			1				2		6	South Dakota.
Tennessee.....	2	3		2	2	2		3	2	3		2	21	Tennessee.
Texas.....	11	5	15	17	9	15	6	7	7	5	14	13	124	Texas.
Vermont.....							4	8	1	1	1		2	Vermont.
Virginia.....	3	1	1	2			1	2	1	2	2	4	31	Virginia.
Washington.....			1				1	2	5				9	Washington.
Wisconsin.....	3		1		1		1	2	3	3			14	Wisconsin.

*Poliomyelitis (infantile paralysis)*—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922.

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923.				State.
		Number of years.	Cases.	Cases per 1,000 inhab. ants.	Cases reported.	Cases per 1,000 inhab. ants.	Deaths registered.	Deaths per 1,000 inhab. ants.	
Alabama.....	2,423,912	6	25	0.01	24	0.01	13	0.01	Alabama.
Arizona.....	380,990	2	2	.01	3	.01			Arizona.
Arkansas.....	1,816,287	3	19	.01	18	.01	13	.01	Arkansas.
California.....	3,805,153	9	68	.02	250	.07	33	.01	California.
Colorado.....	960,320	5	10	.01	8	.01	3	.00	Colorado.
Connecticut.....	1,476,483	9	38	.03	88	.06	10	.01	Connecticut.
Delaware.....	230,460	3	2	.01			2	.01	Delaware.
District of Columbia.....	1,437,571	9	6	.01	19	.04	1	.00	District of Columbia.
Florida.....	1,046,287	5	6	.01	14	.01	6	.01	Florida.
Georgia.....	2,999,196	4	18	.01	4	.00	1	.00	Georgia.
Hawaii.....	278,984	4	2	.01			3	.01	Hawaii.
Idaho.....	470,179	2	7	.02			3	.01	Idaho.
Illinois.....	6,790,524	7	220	.04	217	.03	45	.01	Illinois.
Indiana.....	3,013,134	8	51	.02	27	.01	25	.01	Indiana.
Iowa.....	2,468,643	8	63	.03			62	.03	Iowa.
Kansas.....	1,797,489	7	43	.02	148	.08	38	.02	Kansas.
Kentucky.....	2,462,317				21	.01	15	.01	Kentucky.
Louisiana.....	1,849,746	8	21	.01	30	.02	9	.00	Louisiana.
Maine.....	777,259	7	13	.02	14	.02	6	.01	Maine.
Maryland.....	1,505,295	8	80	.06	27	.02	6	.00	Maryland.
Massachusetts.....	4,027,545	9	157	.04	223	.06	36	.01	Massachusetts.
Michigan.....	3,977,821	9	71	.02	39	.01	18	.00	Michigan.
Minnesota.....	2,490,396	9	77	.03	81	.03	16	.01	Minnesota.
Mississippi.....	1,790,618	9	53	.03	43	.02	14	.01	Mississippi.
Missouri.....	3,443,971	1	18	.01	53	.02	27	.01	Missouri.
Montana.....	611,199	8	18	.03	16	.03	4	.01	Montana.
Nebraska.....	1,333,922	5	24	.02	107	.08	1	.00	Nebraska.
New Hampshire.....	447,592	3	9	.02	6	.01			New Hampshire.
New Jersey.....	3,378,963	9	51	.02	211	.06	32	.01	New Jersey.
New Mexico.....	372,265	3	4	.01	2	.01			New Mexico.

State.	Cases reported.	State.	Cases reported.	State.	Cases reported.	State.	Cases reported.	State.	Cases reported.	State.	Cases reported.
New York.....	10,843,661	9	299	.03	943	.09	105	.01	11.1	New York.	11.1
North Carolina.....	2,686,325	5	29	.01	15	.01	6	.00	40.0	North Carolina.	40.0
North Dakota.....	6,672,041	3	21	.03	23	.03	2	.00	8.7	North Dakota.	8.7
Ohio.....	6,117,122	9	148	.03	82	.01	32	.01	38.0	Ohio.	38.0
Oklahoma.....	2,162,679	1	20	.11	.....	.....	10	.00	.....	Oklahoma.	.....
Oregon.....	823,270	8	6	.01	7	.01	5	.01	71.4	Oregon.	71.4
Pennsylvania.....	9,100,325	9	170	.02	175	.02	57	.01	32.6	Pennsylvania.	32.6
Rhode Island.....	626,672	6	11	.02	7	.01	.....	.....	.....	Rhode Island.	.....
South Carolina.....	1,744,408	4	13	.01	.....	.....	12	.01	24.0	South Carolina.	24.0
South Dakota.....	1,655,532	6	20	.03	25	.04	6	.01	.....	South Dakota.	.....
Tennessee.....	2,393,077	2	19	.01	.....	.....	21	.01	.....	Tennessee.	.....
Texas.....	4,939,620	3	20	.00	.....	.....	124	.03	.....	Texas.	.....
Utah.....	4,476,812	4	38	.01	9	.00	.....	.....	.....	Utah.	.....
Vermont.....	1,332,498	9	38	.11	43	.12	2	.01	4.7	Vermont.	4.7
Virginia.....	2,398,441	8	132	.06	147	.06	31	.01	21.1	Virginia.	21.1
Washington.....	1,433,998	8	17	.01	22	.02	9	.01	40.9	Washington.	40.9
West Virginia.....	1,551,156	6	33	.02	24	.02	0	.....	.....	West Virginia.	.....
Wisconsin.....	2,739,574	9	79	.04	54	.02	14	.01	25.9	Wisconsin.	25.9
Wyoming.....	2,211,864	7	3	.02	4	.02	0	.....	.....	Wyoming.	.....

1 Population Jan. 1, 1920.

*Cases of rabies in animals reported, 1923.*

State.	Cases reported.	State.	Cases reported.	State.	Cases reported.
Alabama.....	217	Idaho.....	30	Oregon.....	10
California.....	1,015	Indiana.....	17	Rhode Island.....	1
Connecticut.....	32	Iowa.....	50	South Carolina.....	179
District of Columbia.....	43	Mississippi.....	183	.....	.....
Florida.....	283	New Mexico.....	4	.....	.....

*Rabies in man—Deaths registered, 1923.*

State.	Deaths registered.	State.	Deaths registered.	State.	Deaths registered.
Alabama.....	3	Louisiana.....	2	Oklahoma.....	3
California.....	9	Massachusetts.....	1	Oregon.....	1
Colorado.....	1	Mississippi.....	3	South Carolina.....	1
Florida.....	1	Missouri.....	2	Tennessee.....	1
Idaho.....	1	New Jersey.....	3	Virginia.....	3
Indiana.....	1	New York.....	5	West Virginia.....	4
Iowa.....	1	North Carolina.....	4	.....	.....
Kansas.....	2	Ohio.....	.....	.....	.....

*Cases of Rocky Mountain spotted, or tick, fever reported, 1923.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
California.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1	.....	3	California,
"Colorado.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	Colorado,
"Idaho.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	4	Idaho,
"Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Illinois,
"Montana.....	.....	.....	1	8	19	10	4	2	1	.....	2	1	48	Montana,
Nevada.....	.....	.....	.....	5	.....	4	.....	.....	.....	.....	.....	.....	12	Nevada,
"Oregon.....	.....	.....	.....	1	6	.....	5	.....	.....	.....	.....	.....	17	Oregon,
"Utah.....	.....	.....	4	.....	1	1	.....	.....	.....	.....	.....	.....	15	Utah,
Washington.....	.....	.....	.....	3	4	1	4	2	1	.....	.....	.....	2	Washington,
Wyoming.....	.....	.....	.....	1	2	9	.....	1	.....	.....	.....	.....	18	Wyoming,

*Deaths registered as due to Rocky Mountain spotted, or tick, fever, 1923.*

[illegible]

Scarlet fever—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive.

State.	Number of years included.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	8	43	37	35	21	25	25	35	61	79	117	73	61	612	Alabama.
Arizona.....	6	13	14	13	8	8	5	4	5	5	7	11	12	105	Arizona.
Arkansas.....	6	54	30	24	27	17	12	10	19	30	48	64	50	385	Arkansas.
California.....	9	513	438	382	322	316	187	148	133	198	347	375	448	3,807	California.
Colorado.....	8	150	125	117	115	105	88	41	27	35	63	102	128	1,091	Colorado.
Connecticut.....	9	219	222	223	206	171	135	106	94	112	137	169	197	1,991	Connecticut.
Delaware.....	2	52	46	40	45	40	32	31	27	27	42	46	49	477	Delaware.
District of Columbia.....	9	70	75	81	79	53	28	14	9	19	39	50	69	586	District of Columbia.
Florida.....	5	15	17	11	8	3	9	4	7	8	13	16	14	125	Florida.
Georgia.....	4	57	57	57	34	43	24	27	47	81	112	98	75	712	Georgia.
Hawaii.....	8	1	1	1	2	1	2	1	1	1	1	1	2	15	Hawaii.
Idaho.....	3	46	43	47	37	29	25	19	13	22	23	33	43	380	Idaho.
Illinois.....	7	1,744	1,605	1,390	946	727	465	274	252	407	901	1,085	1,250	11,137	Illinois.
Indiana.....	9	602	548	544	468	315	160	112	94	212	410	506	520	4,491	Indiana.
Iowa.....	8	205	231	269	193	184	90	47	43	98	163	227	229	1,979	Iowa.
Kansas.....	9	292	326	346	285	188	107	107	68	92	232	341	417	2,757	Kansas.
Kentucky.....	1	110	69	65	50	71	30	32	34	71	112	140	91	875	Kentucky.
Louisiana.....	9	27	17	21	21	15	9	6	13	16	31	39	39	254	Louisiana.
Maine.....	7	71	69	60	55	55	51	44	43	50	63	68	67	696	Maine.
Maryland.....	8	354	323	291	227	176	113	48	56	94	174	213	240	2,369	Maryland.
Massachusetts.....	9	948	851	879	736	755	492	251	213	281	477	620	739	7,242	Massachusetts.
Michigan.....	9	913	741	822	629	562	356	200	242	314	430	625	869	6,763	Michigan.
Minnesota.....	9	440	546	634	484	401	278	140	115	149	235	285	414	4,121	Minnesota.
Mississippi.....	9	43	42	26	29	36	24	28	50	63	98	78	70	587	Mississippi.
Missouri.....	1	434	347	247	246	122	71	60	55	184	301	362	502	2,991	Missouri.
Montana.....	8	123	86	82	88	64	40	23	37	37	70	82	74	806	Montana.
Nebraska.....	5	238	260	198	192	160	56	32	26	58	124	162	235	1,681	Nebraska.
Nevada.....	4	10	5	11	3	6	3	6	3	4	10	8	21	90	Nevada.
New Hampshire.....	3	71	50	46	55	55	38	10	19	15	41	54	56	483	New Hampshire.
New Jersey.....	9	560	550	626	553	526	413	104	116	155	320	446	438	4,907	New Jersey.
New Mexico.....	3	52	45	51	43	29	13	9	8	15	31	40	41	377	New Mexico.
New York.....	9	1,629	1,376	1,237	1,998	1,745	1,079	575	345	486	869	1,194	1,462	15,025	New York.
North Carolina.....	5	130	70	61	58	59	77	77	123	242	345	272	222	1,718	North Carolina.
North Dakota.....	6	126	140	118	90	61	32	24	28	19	38	50	93	819	North Dakota.
Ohio.....	9	1,220	1,167	1,167	876	690	421	263	262	438	939	1,164	1,267	9,874	Ohio.

Scarlet fever—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive—Continued.

State.	Number of years included.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Oklahoma.....	4	85	91	64	40	45	25	18	32	57	77	127	78	739	Oklahoma.
Oregon.....	9	68	52	62	55	44	42	32	22	28	45	73	73	581	Oregon.
Pennsylvania.....	9	1,363	1,082	1,119	1,020	1,117	602	410	417	776	1,246	1,442	1,399	11,993	Pennsylvania.
Porto Rico.....	5				1		1							3	Porto Rico.
Rhode Island.....	8	82	79	98	80	76	49	32	17	34	46	63	69	728	Rhode Island.
South Carolina.....	9	16	10	8	8	5	4	11	9	29	43	43	17	203	South Carolina.
South Dakota.....	7	107	142	127	103	98	77	50	28	38	96	116	151	1,064	South Dakota.
Tennessee.....	2	90	97	63	103	68	28	32	57	128	227	143	138	1,174	Tennessee.
Texas.....	6	92	103	66	69	36	52	48	34	47	68	130	108	943	Texas.
Utah.....	4	100	112	81	58	61	40	28	20	27	38	61	60	686	Utah.
Vermont.....	9	56	65	67	60	55	38	35	21	28	47	74	62	588	Vermont.
Virginia.....	9	216	167	82	98	73	62	40	40	76	172	264	242	1,809	Virginia.
Washington.....	9	168	137	123	91	68	69	41	37	64	119	123	106	1,146	Washington.
West Virginia.....	6	123	90	86	100	81	51	61	37	139	253	230	209	1,507	West Virginia.
Wisconsin.....	9	574	522	513	462	371	241	186	128	190	354	445	485	4,471	Wisconsin.
Wyoming.....	9	12	19	25	19	22	8	5	7	12	17	15	11	471	Wyoming.

Cases of scarlet fever reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	101	61	34	41	24	24	30	56	78	145	131	72	797	Alabama.
Arizona.....	17	20	28	65	68	64	12	9	9	20	55	56	439	Arizona.
Arkansas.....	15	19	11	9	15	7	7	10	27	48	76	23	270	Arkansas.
California.....	755	791	801	670	875	517	325	254	238	630	883	1,086	7,834	California.
Colorado.....	269	251	236	224	172	77	62	44	62	119	218	219	1,953	Colorado.
Connecticut.....	459	392	372	290	348	280	115	87	91	201	343	474	3,372	Connecticut.
Delaware.....	61	39	33	25	40	33	20	35	17	71	94	79	547	Delaware.
District of Columbia.....	131	89	125	120	137	56	23	7	26	68	101	115	968	District of Columbia.
Florida.....	12	11	7	10	5	4	4	4	4	6	12	11	91	Florida.
Georgia.....	41	22	29	40	31	22	19	8	37	58	59	28	394	Georgia.





## Deaths registered as due to scarlet fever, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	2	1		2	1				1	5	5	2	19	Alabama.
Arizona.....	2			1			3	1				1	12	Arizona.
Arkansas.....		3		1						1	2	1	9	Arkansas.
California.....	12	12	15	14	11	9	5	8	4	6	6	15	117	California.
Colorado.....	6	4		3	6	6		1	1	2	5	2	39	Colorado.
Connecticut.....	6	6	8	5	3	4		3	4		7	7	53	Connecticut.
Delaware.....	3	3	2			1		2	1		2	3	19	Delaware.
District of Columbia.....	2		2	1	3			1		1	1		11	District of Columbia.
Florida.....			2					2			1		5	Florida.
Georgia.....	5	1	5		2	1	2			1	1	2	20	Georgia.
Hawaii.....											1		1	Hawaii.
Idaho.....			1										8	Idaho.
Illinois.....	43	23	43	18	21	13	4	6	11	11	9	28	284	Illinois.
Indiana.....	13	13	11	10	7	7	3	2	5	3	12	8	86	Indiana.
Iowa.....	18	26	18	11	9	9	2	3	6	4	14	17	137	Iowa.
Kansas.....	10	11	11		4		1	2	4	7	4	6	65	Kansas.
Kentucky.....	6	3	2	5	3			2		4	11	4	42	Kentucky.
Louisiana.....	1		1									3	5	Louisiana.
Maine.....		2	2	2							3	2	15	Maine.
Maryland.....	2	8	10	3	4	4	2	1	3	4	3	3	47	Maryland.
Massachusetts.....	14	23	27	28	11	10	9	3	1	8	5	14	153	Massachusetts.
Michigan.....	39	34	30	33	34	19	21	9	11	20	22	23	304	Michigan.
Minnesota.....	44	21	17	35	15	11	8	10	13	15	19	26	234	Minnesota.
Missouri.....	17	9	10	9	4	3	1	1	5	11	22	16	108	Missouri.
Montana.....	5	1	3			2		2			1	4	18	Montana.
Nebraska.....	7	9	4	5	3	3		1	2	3	7	7	51	Nebraska.
New Jersey.....	12	16	18	11	10	5		1	1	5	4	10	94	New Jersey.
New Mexico.....	2	1	1								1		6	New Mexico.
New York.....	28	37	29	47	33	23	14	8	4	13	14	26	276	New York.
North Carolina.....	2	2	2	4	2		2	1		4	1	5	25	North Carolina.
North Dakota.....	4	1	3					1	1	1	4	4	22	North Dakota.
Ohio.....	43	36	39	39	20	17	17	10	11	31	37	23	323	Ohio.
Oklahoma.....	5	1	2	1	2	2	2	2	2	2	5	2	26	Oklahoma.
Oregon.....	1	1	3	1		2							10	Oregon.
Pennsylvania.....	40	37	46	37	29	31	23	12	17	40	26	38	376	Pennsylvania.



Scarlet fever—Cases reported, deaths registered, and indicated morbidity, mortality and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922—Continued.

State.	Estimated expectancy.				1923.				State.
	Estimated population July 1, 1923.	Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	
Massachusetts	4,027,545	9	7,242	1.92	12,300	3.05	133	0.04	Massachusetts.
Michigan	3,977,821	9	6,763	1.91	12,808	3.23	304	.08	Michigan.
Minnesota	2,466,366	9	4,121	1.76	9,892	3.96	234	.09	Minnesota.
Mississippi	1,790,618	9	3,587	.33	4,307	1.25	108	.03	Mississippi.
Missouri	3,443,971	1	2,991	.87	4,307	1.25	108	.03	Missouri.
Montana	611,190	8	806	1.54	850	1.39	18	.03	Montana.
Nebraska	1,353,922	5	1,081	1.20	1,398	1.20	51	.04	Nebraska.
Nevada	177,407	4	90	1.15	62	.80	0	—	Nevada.
New Hampshire	447,592	3	483	1.09	331	.74	—	—	New Hampshire.
New Jersey	3,378,963	9	4,967	1.60	5,903	1.75	94	.03	New Jersey.
New Mexico	372,265	3	377	1.03	394	1.06	6	.02	New Mexico.
New York	10,843,661	9	15,025	1.47	20,539	1.89	276	.03	New York.
North Carolina	2,686,325	5	1,718	.67	2,418	.90	25	.01	North Carolina.
North Dakota	672,041	6	819	1.26	1,471	2.19	22	.03	North Dakota.
Ohio	6,117,122	9	9,874	1.76	16,604	2.71	323	.05	Ohio.
Oklahoma	2,162,079	4	739	.37	651	.30	26	.01	Oklahoma.
Oregon	823,270	9	581	.76	815	.99	10	.01	Oregon.
Pennsylvania	9,100,326	9	11,993	1.40	15,057	1.65	376	.04	Pennsylvania.
Porto Rico	1,365,349	5	3	.00	1	.00	0	—	Porto Rico.
Rhode Island	626,672	8	728	1.22	826	1.32	—	—	Rhode Island.
South Carolina	1,744,408	9	203	.12	186	.11	2	.00	South Carolina.
South Dakota	655,532	7	1,064	1.69	1,882	2.87	35	.05	South Dakota.
Tennessee	2,363,077	2	1,174	.49	631	.26	34	.01	Tennessee.
Texas	4,936,030	6	943	.20	807	.16	—	—	Texas.
Utah	476,812	4	686	1.57	403	.85	8	.02	Utah.
Vermont	1,332,428	9	388	1.67	656	1.86	19	.05	Vermont.
Virginia	2,398,441	9	1,809	.80	3,046	1.27	45	.02	Virginia.
Washington	1,433,998	9	1,146	.87	2,065	1.46	27	.02	Washington.
West Virginia	1,551,156	6	1,507	1.02	1,376	.90	69	.04	West Virginia.
Wisconsin	2,736,574	9	4,471	1.73	12,623	4.61	228	.08	Wisconsin.
Wyoming	211,864	9	1,172	.92	1,276	1.30	4	.02	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.

## Cases of septic sore throat reported, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Colorado.....	1	2	2	1	1	1	3	5	1	2	13	7	14	Colorado.
Connecticut.....	11	10	2	7	1	7	7	1	5	2	6	6	35	Connecticut.
Georgia.....	16	8	9	7	4	7	5	3	3	4	2	3	78	Georgia.
Maine.....	14	9	12	6	81	14	6	9	4	3	8	5	73	Maine.
Maryland.....	40	23	16	9	10	7	6	4	4	17	15	10	197	Maryland.
Massachusetts.....	37	93	106	34	8	4	7	3	5	9	21	27	180	Massachusetts.
Michigan.....	3	3	1	2	1	1	4	3	18	4	11	9	334	Michigan.
Missouri.....	7	3	3	1	3	1	2	1	1	1	4	1	20	Missouri.
Montana.....	2	2	3	1	3	1	2	1	6	1	5	1	28	Montana.
Nebraska.....	36	31	14	5	15	7	18	11	7	16	63	25	249	Nebraska.
New Hampshire.....	21	19	8	2	8	13	10	3	23	20	16	8	151	New Hampshire.
New Mexico.....	73	67	60	57	52	44	27	24	40	38	55	83	640	New Mexico.
New York.....	1	7	1	1	1	1	1	1	2	2	2	2	13	New York.
North Carolina.....	11	1	1	3	3	2	1	1	1	2	2	2	28	North Carolina.
Ohio.....	15	3	3	1	1	3	3	17	1	6	6	4	47	Ohio.
Oregon.....	3	3	3	1	1	3	3	1	1	1	1	1	13	Oregon.
Rhode Island.....	3	3	3	1	1	3	3	1	1	1	1	1	13	Rhode Island.
South Carolina.....	3	3	3	1	1	3	3	1	1	1	1	1	13	South Carolina.
South Dakota.....	1	1	1	1	1	1	1	1	1	1	1	1	13	South Dakota.
Texas.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Texas.
Utah.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Utah.
Vermont.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Vermont.
Washington.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Washington.
West Virginia.....	1	1	1	1	1	1	1	1	1	1	1	1	13	West Virginia.
Wisconsin.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Wisconsin.
Wyoming.....	1	1	1	1	1	1	1	1	1	1	1	1	13	Wyoming.

## Deaths registered as due to septic sore throat, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Connecticut.....	2	1	1	1	1	1	3	2	2	13	12	12	14	Connecticut.
Illinois.....	13	15	11	22	17	16	15	13	8	4	12	12	167	Illinois.
Iowa.....	1	7	9	6	6	4	3	8	6	6	4	3	61	Iowa.
Kansas.....	4	8	8	5	3	3	1	3	2	2	2	4	45	Kansas.
Louisiana.....	2	1	2	1	5	3	4		4	2	6		30	Louisiana.
Maine.....		1							2				3	Maine.
Maryland.....	1	1			2	3			1			1	8	Maryland.
Massachusetts.....	2	4	3	2	1	3	2	2	12	4	3		26	Massachusetts.
Missouri.....	6	9	6	4	4	6	5			5	11	6	76	Missouri.
Montana.....	1	2				2	1						6	Montana.
New York.....	8	6	7	8	10	6	3	4		4	6	5	71	New York.
North Carolina.....	1	1		1	1	6				1	1		6	North Carolina.
North Dakota.....							1						1	North Dakota.
Oregon.....	2			1	1	1		1					5	Oregon.
Texas.....	6	6	5	1	3	1	5	4	1	3	7	2	43	Texas.
Utah.....				1				1					2	Utah.
Vermont.....							1				3	2	6	Vermont.



Septic sore throat—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Colorado.....	990,320	14	.01	14	0.01	2.5	Colorado.
Connecticut.....	1,476,483	35	.02	35	0.01	2.5	Connecticut.
Georgia.....	2,999,196	78	.03	78	0.01	2.5	Georgia.
Illinois.....	6,790,524	167	.02	167	0.02	2.5	Illinois.
Iowa.....	2,498,943	61	.02	61	0.02	2.5	Iowa.
Kansas.....	1,797,489	45	.03	45	0.03	2.5	Kansas.
Louisiana.....	1,849,746	30	.02	30	0.02	2.5	Louisiana.
Maine.....	777,259	15	.02	15	0.02	2.5	Maine.
Maryland.....	1,505,293	73	.05	73	0.01	2.5	Maryland.
Massachusetts.....	4,027,545	197	.05	197	0.01	2.5	Massachusetts.
Michigan.....	3,977,821	180	.05	180	0.02	2.5	Michigan.
Missouri.....	3,443,971	334	.10	334	0.02	2.5	Missouri.
Montana.....	611,196	20	.03	20	0.01	2.5	Montana.
Nebraska.....	1,333,922	28	.02	28	0.01	2.5	Nebraska.
New Hampshire.....	447,592	4	.01	4	0.01	2.5	New Hampshire.
New Mexico.....	372,265	13	.03	13	0.01	2.5	New Mexico.
New York.....	10,843,661	249	.02	249	0.01	2.5	New York.
North Carolina.....	2,696,325	151	.06	151	0.00	2.5	North Carolina.
North Dakota.....	2,672,941	1	.00	1	0.00	2.5	North Dakota.
Ohio.....	6,117,122	640	.10	640	0.00	2.5	Ohio.
Oregon.....	823,270	13	.02	13	0.01	2.5	Oregon.
Rhode Island.....	626,672	28	.04	28	0.01	2.5	Rhode Island.
South Carolina.....	1,744,108	47	.03	47	0.01	2.5	South Carolina.
South Dakota.....	655,332	3	.00	3	0.01	2.5	South Dakota.
Texas.....	4,339,630	43	.01	43	0.01	2.5	Texas.
Utah.....	476,812	2	.00	2	0.00	2.5	Utah.
Vermont.....	1352,428	6	.02	6	0.02	2.5	Vermont.
Wyoming.....	211,864	1	.00	1	0.02	2.5	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.

Smallpox—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive.

State.	Number of years included.	Jan-uary.	Febru-ary.	March.	April.	May.	June.	July.	August.	Septem-ber.	Octo-ber.	Novem-ber.	Decem-ber.	Total.	State.
Alabama.....	5	104	111	103	74	62	29	17	12	9	21	22	62	626	Alabama.
Arizona.....	4	23	17	17	34	47	16	5	4	1	1	1	5	179	Arizona.
Arkansas.....	6	80	76	89	73	68	54	9	13	6	14	19	19	540	Arkansas.
California.....	9	109	113	111	139	123	97	93	45	39	23	66	42	1,000	California.
Colorado.....	3	21	21	25	25	25	20	19	17	15	14	17	19	238	Colorado.
Connecticut.....	9	2	1	1	2	2	3	1	1	1	1	1	2	17	Connecticut.
Delaware.....	4	4	4	5	1	1	5	1	1	1	1	4	4	27	Delaware.
District of Columbia.....	9	3	5	7	5	7	10	3	2	2	1	2	1	41	District of Columbia.
Florida.....	5	13	18	21	20	15	53	6	6	2	8	11	10	137	Florida.
Georgia.....	1	95	110	127	119	72	53	36	19	10	9	28	78	756	Georgia.
Idaho.....	1	27	27	26	25	21	17	16	14	11	13	21	23	241	Idaho.
Kentucky.....	1	53	68	73	73	43	35	21	14	12	14	24	44	460	Kentucky.
Louisiana.....	9	115	130	151	142	103	35	34	16	5	18	24	70	843	Louisiana.
Maine.....	2	15	9	8	7	2	5	12	3	2	2	2	1	69	Maine.
Maryland.....	4	7	7	8	7	7	6	4	2	2	4	5	6	66	Maryland.
Massachusetts.....	9	2	2	2	2	2	1	1	1	1	2	2	2	20	Massachusetts.
Michigan.....	9	191	145	159	201	253	213	119	51	46	116	111	190	1,885	Michigan.
Minnesota.....	7	250	244	248	223	211	171	100	63	41	68	164	270	2,063	Minnesota.
Missouri.....	1	193	121	95	55	44	20	29	9	9	3	20	59	667	Missouri.
Montana.....	8	150	117	115	112	112	80	48	22	22	50	84	97	1,018	Montana.
Nebraska.....	1	69	76	78	60	42	25	17	10	8	13	33	53	484	Nebraska.
Nevada.....	3	3	3	3	3	2	2	2	1	1	1	1	3	26	Nevada.
New Hampshire.....	1	1	1	2	2	2	2	2	2	2	1	2	2	19	New Hampshire.
New Jersey.....	3	2	2	2	2	2	9	2	3	2	2	4	6	22	New Jersey.
New Mexico.....	3	13	11	12	13	11	9	6	3	2	2	4	6	92	New Mexico.
New York.....	9	32	21	12	21	29	25	15	6	4	6	6	12	189	New York.
North Carolina.....	5	147	201	353	276	246	143	68	57	42	34	82	129	1,778	North Carolina.
North Dakota.....	6	54	59	49	47	43	31	21	21	20	35	41	49	470	North Dakota.
Ohio.....	9	445	379	635	509	516	407	168	103	65	116	238	269	3,840	Ohio.
Oregon.....	5	50	47	41	41	38	27	23	17	14	10	21	26	355	Oregon.
Pennsylvania.....	9	18	25	24	30	29	22	19	10	3	2	6	12	200	Pennsylvania.
South Carolina.....	9	55	44	44	41	28	22	14	6	3	3	10	29	313	South Carolina.
South Dakota.....	7	177	141	139	119	103	102	26	18	21	28	39	67	990	South Dakota.
Tennessee.....	1	61	75	83	66	49	44	26	20	19	20	43	61	567	Tennessee.
Vermont.....	9	3	4	4	4	3	2	2	1	1	1	1	3	28	Vermont.
Virginia.....	3	64	71	81	69	55	39	32	43	20	16	31	49	543	Virginia.
Washington.....	9	149	92	198	172	109	112	62	24	16	24	70	121	1,178	Washington.
West Virginia.....	2	41	41	36	34	37	36	28	32	32	35	42	42	432	West Virginia.
Wisconsin.....	4	237	159	147	134	134	83	77	55	21	71	124	178	1,420	Wisconsin.
Wyoming.....	4	7	7	6	6	5	5	5	5	5	4	4	6	65	Wyoming.

## Cases of smallpox reported, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	17	28	52	65	45	29	3	10	5	8	12	40	323	Alabama.
Arizona.....	14	37	22	11	6	4	3			1		2	109	Arizona.
Arkansas.....	32	10	30	17	53	37	31	5	17	10	29	44	315	Arkansas.
California.....	97	74	84	112	166	93	135	119	38	190	374	543	2,028	California.
Colorado.....	47	12	12	4	* 2	1	2			5	4	1	90	Colorado.
Connecticut.....	4	10	6	11	1	3		12	2		2	1	52	Connecticut.
Delaware.....	1						1	1					2	Delaware.
District of Columbia.....		1	1	1		1	5	2	19	4	25	14	69	District of Columbia.
Florida.....	52	38	52	12	20	19	3	1			8	20	227	Florida.
Georgia.....	42	29	52	34	37	68	62	31	7	30	67	194	673	Georgia.
Idaho.....	40	30	11	14	3	4	10	8	9		6	17	155	Idaho.
Illinois.....	369	121	64	50	60	128	30	24	9	28	13	21	937	Illinois.
Indiana.....	254	119	149	204	243	236	97	42	59	61	138	278	1,910	Indiana.
Iowa.....	51	37	69	115	153	103	27	14	13	18	43	30	608	Iowa.
Kansas.....	30	38	56	60	53	33	21	12	27	34	65	52	481	Kansas.
Louisiana.....	86	100	129	132	80	30	13	7	26	11	27	62	693	Louisiana.
Maine.....	6	2		72	22	10		3			1	2	118	Maine.
Maryland.....						1	1	1		4	4	5	25	Maryland.
Massachusetts.....						2	2		7			4	6	Massachusetts.
Michigan.....	443	155	130	116	91	106	118	51	78	184	417	422	2,311	Michigan.
Minnesota.....	460	291	211	137	123	93	81	46	34	133	121	220	1,950	Minnesota.
Mississippi.....	41	41	6	13	9	13	22	10		8	82	82	292	Mississippi.
Missouri.....	124	60	59	43	77	44	33	6	47	17	87	70	677	Missouri.
Montana.....	47	37	42	53	34	24	21	11	33	62	187	181	732	Montana.
Nebraska.....	20	7	11	4	12	9	2	5	3	10	10	4	97	Nebraska.
Nevada.....		1			1				1	5	1	1	10	Nevada.
New Hampshire.....	1			5	2	13	6						1	New Hampshire.
New Jersey.....			2		3		17				3	12	39	New Jersey.
New Mexico.....	18	7	11	41	16	1		3				3	30	New Mexico.
New York.....	63	43	54	27	21	15	56	25	1	1	22	56	390	New York.
North Carolina.....	351	446	540	398	385	269	118	88	52	94	228	413	3,352	North Carolina.
North Dakota.....	48	73	98	36	30	33	12	22	6	12	34	50	444	North Dakota.
Ohio.....	226	203	290	427	314	197	124	46	46	65	185	292	2,415	Ohio.
Oklahoma.....	97	175	193	264	251	90	30	10	6	78	35	45	1,274	Oklahoma.
Oregon.....	83	63	90	122	113	83	55	37	20	36	59	66	837	Oregon.

**Cases of smallpox reported, 1923—Continued.**

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Pennsylvania.....	4	1	12	20	32	33	22	6	-----	27	7	19	183	Pennsylvania.
South Carolina.....	31	23	51	27	23	26	7	8	-----	36	220	84	536	South Carolina.
North Carolina.....	59	46	26	17	11	14	3	1	39	24	7	14	249	North Carolina.
South Dakota.....	33	34	123	220	296	46	96	39	11	8	45	83	1,037	South Dakota.
Tennessee.....	---	---	---	---	---	---	---	---	---	---	---	---	---	Tennessee.
Texas.....	14	88	129	105	68	92	55	41	12	8	8	49	669	Texas.
Utah.....	40	29	5	4	1	3	3	2	14	7	19	48	168	Utah.
Vermont.....	14	7	7	8	1	9	23	14	7	39	77	52	255	Vermont.
Virginia.....	37	32	59	156	110	38	25	18	15	18	19	25	542	Virginia.
Washington.....	188	171	190	141	170	113	67	68	20	50	147	272	1,023	Washington.
West Virginia.....	35	15	44	67	19	38	8	4	2	0	0	12	253	West Virginia.
Wisconsin.....	226	161	119	136	179	102	67	31	31	111	65	110	1,338	Wisconsin.
Wyoming.....	6	4	---	1	1	1	3	---	---	---	---	---	20	Wyoming.

*Deaths registered as due to smallpox, 1923.*

State.	January.	Feb- ruary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.	11	7	5		1								1	Alabama.
Arizona.					3								26	Arizona.
California.								1					1	California.
Colorado.	8	5	2			1							16	Colorado.
Connecticut.			1										1	Connecticut.
Delaware.							1						1	Delaware.
Georgia.			1										2	Georgia.
Idaho.	1	1				1						2	4	Idaho.
Illinois.				1								1	2	Illinois.
Indiana.			1					1	1				4	Indiana.
Iowa.	2	2	1									1	6	Iowa.
Kentucky.													1	Kentucky.
Louisiana.		1	1					1		1			4	Louisiana.
Maine.		1											2	Maine.
Michigan.	5	1	2	2							2		13	Michigan.





*Smallpox—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922—Continued.*

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923.					State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.	
Kentucky.....	2,462,317	1	400	0.19	228	0.09	1	0.00	0.4	Kentucky.
Louisiana.....	1,849,746	9	843	.47	603	.32	1	.00	.6	Louisiana.
Maine.....	777,259	2	60	.00	118	.15	2	.00	1.7	Maine.
Maryland.....	1,505,295	4	66	.05	26	.02	0	.00	.....	Maryland.
Massachusetts.....	4,027,545	9	20	.01	6	.00	0	.00	.....	Massachusetts.
Michigan.....	3,977,821	9	1,885	.53	2,311	.68	13	.00	.6	Michigan.
Minnesota.....	2,409,396	7	2,053	.88	1,950	.78	2	.00	.1	Minnesota.
Mississippi.....	1,790,618	7	.....	.....	292	.16	4	.00	1.4	Mississippi.
Missouri.....	3,443,971	8	657	.19	667	.19	3	.00	.4	Missouri.
Montana.....	611,199	8	1,018	1.65	732	1.20	3	.00	.4	Montana.
Nebraska.....	1,333,922	1	484	.37	97	.07	2	.00	2.1	Nebraska.
Nevada.....	177,407	3	26	.33	10	.13	0	.00	.....	Nevada.
New Hampshire.....	447,562	1	19	.04	30	.09	0	.00	.....	New Hampshire.
New Jersey.....	3,378,963	9	22	.01	30	.01	0	.00	.....	New Jersey.
New Mexico.....	372,265	3	92	.25	97	.26	10	.03	10.3	New Mexico.
New York.....	10,843,661	9	189	.02	390	.04	1	.00	.3	New York.
North Carolina.....	2,686,325	5	1,778	.69	3,352	1.25	13	.00	.4	North Carolina.
North Dakota.....	672,041	6	470	.72	444	.66	0	.00	.....	North Dakota.
Ohio.....	6,117,122	9	3,840	.68	2,415	.39	6	.00	.2	Ohio.
Oklahoma.....	2,162,079	.....	.....	.....	1,274	.59	8	.00	.6	Oklahoma.
Oregon.....	823,270	5	355	.48	837	1.01	0	.00	.....	Oregon.
Pennsylvania.....	9,100,326	9	200	.02	183	.02	0	.00	.....	Pennsylvania.
South Carolina.....	1,744,408	9	313	.19	536	.31	2	.00	.4	South Carolina.
South Dakota.....	655,532	7	990	1.58	249	.38	0	.00	.....	South Dakota.
Tennessee.....	2,393,077	1	567	.24	1,037	.43	3	.00	.3	Tennessee.
Texas.....	4,939,630	.....	.....	.....	660	.14	0	.00	.....	Texas.
Utah.....	476,812	3	28	.05	168	.35	13	.03	7.7	Utah.
Vermont.....	132,428	3	543	.24	253	.72	2	.01	.8	Vermont.
Virginia.....	2,386,441	.....	.....	.....	542	.23	1	.00	.2	Virginia.
Washington.....	1,433,968	9	1,178	.89	1,623	1.13	10	.01	.6	Washington.
West Virginia.....	1,551,156	2	432	.29	253	.16	0	.00	.....	West Virginia.
Wisconsin.....	2,789,574	4	1,420	.55	1,388	.49	1	.00	.0	Wisconsin.
Wyoming.....	211,864	4	65	.37	20	.09	2	.01	10.0	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.



## Cases of syphilis reported, 1923.

State.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	State.
Alabama.....	407	488	779	637	1,016	730	895	642	654	533	567	423	7,471	Alabama.
Arizona.....	27	16	14	21	16	12	4	10	15	17	17	17	178	Arizona.
Arkansas.....	257	232	178	286	230	217	225	268	189	156	174	207	2,569	Arkansas.
California.....	539	536	434	393	544	452	2,740	3,244	814	808	847	1,361	12,792	California.
Colorado.....	78	53	80	70	70	77	58	58	83	139	64	60	895	Colorado.
Connecticut.....	40	38	63	40	96	37	66	31	66	62	63	75	677	Connecticut.
Delaware.....	57	58	7	8	2	-----	3	23	1	13	10	57	285	Delaware.
Florida.....	150	114	148	175	211	210	124	218	185	246	118	215	2,084	Florida.
Georgia.....	368	336	413	678	420	481	459	347	427	423	468	347	5,207	Georgia.
Idaho.....	19	9	2	6	10	3	8	4	4	3	4	4	78	Idaho.
Illinois.....	910	544	758	993	994	817	748	854	576	1,088	943	763	9,967	Illinois.
Indiana.....	176	192	100	158	157	196	131	184	181	123	149	162	2,078	Indiana.
Iowa.....	77	47	137	223	110	219	104	102	97	124	106	98	1,451	Iowa.
Kansas.....	110	85	80	97	69	77	107	72	98	133	142	118	1,218	Kansas.
Kentucky.....	1,791	2,020	2,068	2,027	1,256	1,919	1,923	1,946	1,763	1,654	1,900	2,110	22,737	Kentucky.
Louisiana.....	247	281	349	318	342	330	314	361	385	313	306	366	3,912	Louisiana.
Maine.....	37	15	27	29	25	30	12	40	25	13	39	19	311	Maine.
Maryland.....	135	193	202	221	248	180	158	185	170	190	149	185	2,216	Maryland.
Massachusetts.....	410	402	450	413	458	390	423	436	420	442	480	467	5,210	Massachusetts.
Michigan.....	700	579	767	1,038	578	1,043	866	863	1,047	951	986	1,024	10,512	Michigan.
Minnesota.....	437	317	461	369	365	370	300	680	262	502	424	460	5,077	Minnesota.
Mississippi.....	543	522	596	612	615	570	581	684	696	767	532	612	7,330	Mississippi.
Missouri.....	429	325	372	309	334	345	314	317	282	350	477	229	4,083	Missouri.
Montana.....	14	7	14	8	13	7	6	6	2	22	23	14	143	Montana.
Nebraska.....	100	70	72	89	70	70	85	77	97	101	102	70	1,003	Nebraska.
New Hampshire.....	4	11	6	11	7	7	7	6	11	12	16	12	110	New Hampshire.
New Jersey.....	261	249	241	272	272	244	242	270	257	276	255	379	3,223	New Jersey.
New Mexico.....	20	17	8	8	16	9	6	14	14	15	2	5	124	New Mexico.
New York.....	2,576	1,908	2,271	2,595	2,893	1,016	1,831	2,736	2,226	2,435	2,161	2,026	27,474	New York.
North Carolina.....	292	309	394	401	269	281	291	248	265	2,289	2,280	217	3,556	North Carolina.
North Dakota.....	13	12	21	14	25	15	14	16	18	475	16	30	215	North Dakota.
Ohio.....	467	555	555	550	472	479	393	358	366	276	425	465	5,005	Ohio.
Oklahoma.....	213	58	106	97	63	74	282	370	313	324	358	379	2,637	Oklahoma.
Oregon.....	51	43	63	63	56	53	74	48	61	82	40	55	736	Oregon.
Pennsylvania.....	328	230	293	277	235	240	262	241	207	234	164	196	2,877	Pennsylvania.
Rhode Island.....	25	22	54	41	30	30	34	27	31	31	35	40	400	Rhode Island.
South Carolina.....	160	157	226	142	154	155	124	122	140	198	160	180	1,927	South Carolina.
South Dakota.....	13	12	18	10	15	12	13	12	21	7	13	8	154	South Dakota.
Tennessee.....	258	255	312	264	346	317	299	264	365	272	252	229	3,433	Tennessee.

## Cases of syphilis reported, 1923—Continued.

State.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	State.
Texas.....	1,147	1,247	1,332	1,503	894	1,727	1,099	1,436	1,567	947	1,675	1,036	15,630	Texas.
Utah.....	29	12	28	22	33	21	21	24	21	32	47	15	141	Utah.
Vermont.....	11	19	212	209	203	204	162	162	168	190	169	149	294	Vermont.
Virginia.....	190	170	212	209	203	204	162	162	168	190	169	149	2,188	Virginia.
Washington.....	82	50	57	60	38	50	52	42	45	54	88	42	660	Washington.
West Virginia.....	345	345	276	262	168	224	199	217	198	216	228	242	2,902	West Virginia.
Wisconsin.....	327	345	41	43	55	39	40	53	54	74	56	66	647	Wisconsin.
Wyoming.....	72	54	41	43	55	39	40	53	54	74	56	66	140	Wyoming.
Wyoming.....	1	10	5	7	5	1	1	1	1	6	5	1	140	Wyoming.

Data not available for the full year.

## Syphilis—Cases reported and indicated morbidity rates, 1923.

State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.	State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.	State.	Estimated population, July 1, 1923.	Total cases reported.	Cases per 1,000 inhabitants.
Alabama.....	2,423,912	7,471	3.08	Louisiana.....	1,849,746	3,912	2.11	North Dakota.....	672,041	215	0.32
Arizona.....	380,960	178	.47	Maine.....	777,259	311	.40	Ohio.....	6,117,122	5,065	.82
Arkansas.....	1,816,287	2,559	1.41	Maryland.....	1,505,265	2,216	1.47	Oklahoma.....	2,162,079	2,637	1.22
California.....	3,805,153	12,792	3.36	Massachusetts.....	4,027,545	5,210	1.29	Oregon.....	823,270	736	.89
Colorado.....	990,320	988	.91	Michigan.....	3,977,821	10,512	2.64	Pennsylvania.....	9,100,326	2,877	.32
Connecticut.....	1,476,483	677	.46	Minnesota.....	2,499,396	5,077	2.03	Rhode Island.....	626,672	400	.64
Delaware.....	230,460	245	1.06	Mississippi.....	1,790,018	7,330	4.09	South Carolina.....	1,744,408	1,927	1.10
Florida.....	1,046,287	2,054	1.96	Missouri.....	3,443,971	4,063	1.19	South Dakota.....	655,532	154	.23
Georgia.....	2,990,196	5,207	1.74	Montana.....	611,199	143	.23	Tennessee.....	2,393,077	3,433	1.43
Idaho.....	470,179	78	.17	Nebraska.....	1,333,922	1,003	.75	Texas.....	4,939,630	15,630	3.16
Illinois.....	6,700,324	9,967	1.47	New Hampshire.....	447,392	110	.25	Vermont.....	1,352,428	264	.83
Indiana.....	3,013,134	2,078	.69	New Jersey.....	3,378,963	3,223	.95	Virginia.....	2,398,441	2,188	.91
Iowa.....	2,468,643	1,474	.60	New Mexico.....	3,372,265	124	.33	Washington.....	1,433,998	660	.46
Kansas.....	1,797,480	1,218	.68	New York.....	10,843,661	27,474	2.53	West Virginia.....	1,531,156	2,902	1.87
Kentucky.....	2,462,317	2,737	9.23	North Carolina.....	2,686,325	3,556	1.32	Wisconsin.....	2,739,574	647	.24

Population Jan. 1, 1920.

Cases of tuberculosis (all forms) reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Arizona.....	106	11	53	38	686	235	66	95	114	174	123	122	1,855	Arizona.
California.....	811	646	665	732	743	615	573	820	659	606	712	629	8,483	California.
Colorado.....	27	34	492	131	83	460	412	361	232	285	277	277	3,192	Colorado.
Connecticut.....	129	109	158	154	179	149	142	147	132	137	133	120	1,690	Connecticut.
Delaware.....	23	14	24	16	18	16	24	20	33	27	38	31	290	Delaware.
Florida.....	90	114	108	100	118	98	88	85	81	124	117	75	1,198	Florida.
Hawaii.....	68	92	81	94	98	84	87	58	83	133	89	72	1,069	Hawaii.
Illinois.....	1,775	1,161	2,489	1,403	1,610	1,351	1,151	1,122	1,096	1,385	1,083	886	16,512	Illinois.
Kansas.....	149	120	232	223	254	206	183	154	79	262	250	88	2,160	Kansas.
Maryland.....	196	180	193	254	194	244	267	228	215	229	250	214	2,666	Maryland.
Massachusetts.....	456	457	460	566	684	560	527	459	500	564	435	448	6,193	Massachusetts.
Michigan.....	397	399	553	302	523	524	759	411	474	333	432	344	5,471	Michigan.
Minnesota.....	361	302	314	393	425	361	381	430	348	337	288	301	4,832	Minnesota.
Mississippi.....	220	296	284	262	201	256	255	246	219	217	218	216	2,930	Mississippi.
Missouri.....	172	284	226	245	209	403	227	233	264	203	216	230	2,922	Missouri.
Montana.....	81	106	12	40	60	60	20	31	32	96	47	16	2,604	Montana.
New Hampshire.....	5	18	15	27	5	16	10	10	16	15	14	2	143	New Hampshire.
New Jersey.....	449	397	531	558	523	501	495	404	422	468	437	428	5,613	New Jersey.
New Mexico.....	93	66	49	68	63	38	39	51	72	88	70	66	763	New Mexico.
New York.....	1,577	1,097	2,105	1,851	1,941	1,705	2,068	1,845	1,533	1,776	1,584	1,218	21,020	New York.
Ohio.....	491	616	654	642	679	573	611	602	463	437	444	646	6,838	Ohio.
Rhode Island.....	47	35	46	69	61	57	69	39	48	46	44	39	6,589	Rhode Island.
Utah.....	18	9	25	19	14	18	11	10	12	14	12	15	177	Utah.
Vermont.....	21	11	19	14	34	54	16	34	25	20	34	51	352	Vermont.
Washington.....	74	74	97	178	286	238	137	171	111	166	156	147	1,835	Washington.
Wisconsin.....	215	140	179	280	265	180	235	136	155	180	198	156	2,212	Wisconsin.

## Deaths registered as due to tuberculosis (all forms), 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	224	191	235	260	173	204	205	194	198	190	176	185	2,405	Alabama.
Arizona.....	115	140	128	136	135	145	183	113	71	83	96	128	1,217	Arizona.
Arkansas.....	108	118	126	132	132	135	121	121	92	96	89	182	1,489	Arkansas.
California.....	542	479	533	540	448	455	425	414	447	417	464	491	5,724	California.
Colorado.....	144	131	174	146	137	118	121	125	115	115	129	137	1,604	Colorado.
Connecticut.....	112	113	122	122	132	167	98	110	86	100	100	112	1,314	Connecticut.
Delaware.....	21	25	30	18	22	18	27	19	18	14	18	26	256	Delaware.
District of Columbia.....	49	64	64	47	55	38	55	52	39	40	40	43	578	District of Columbia.
Florida.....	97	92	103	83	90	87	86	86	77	100	92	77	1,079	Florida.
Georgia.....	247	211	222	248	244	216	219	241	215	180	211	188	2,637	Georgia.
Hawaii.....	35	48	38	36	44	33	36	20	33	30	34	30	417	Hawaii.
Idaho.....	17	8	9	18	14	12	12	10	10	10	12	6	138	Idaho.
Illinois.....	448	496	538	527	516	491	437	426	397	467	396	410	5,549	Illinois.
Indiana.....	208	280	310	232	270	247	237	197	208	210	188	183	2,779	Indiana.
Iowa.....	87	102	100	117	91	108	88	89	69	65	69	70	1,055	Iowa.
Kansas.....	66	64	83	70	72	65	65	66	42	67	60	4	734	Kansas.
Kentucky.....	344	321	320	272	296	292	298	255	186	190	226	180	3,120	Kentucky.
Louisiana.....	191	203	187	195	200	170	191	164	145	137	120	161	2,064	Louisiana.
Maine.....	48	65	81	44	70	49	47	44	40	32	44	50	614	Maine.
Maryland.....	187	164	164	190	182	136	156	156	108	151	139	126	1,859	Maryland.
Massachusetts.....	289	307	357	336	379	295	302	271	237	267	237	290	3,567	Massachusetts.
Michigan.....	258	248	278	263	297	231	248	230	188	196	188	212	2,837	Michigan.
Minnesota.....	141	165	189	187	197	174	163	140	123	113	129	125	1,846	Minnesota.
Missouri.....	275	258	306	303	261	229	224	201	192	184	185	259	2,857	Missouri.
Montana.....	27	33	46	34	30	33	23	22	31	25	23	30	357	Montana.
Nebraska.....	28	35	58	39	48	45	35	27	31	23	30	39	438	Nebraska.
New Jersey.....	258	267	312	292	287	284	248	223	206	238	207	224	3,046	New Jersey.
New Mexico.....	66	71	87	77	60	58	54	49	42	48	55	52	719	New Mexico.
New York.....	865	977	1,049	1,052	1,011	908	874	760	722	788	680	805	10,500	New York.
North Carolina.....	267	210	229	244	239	221	206	218	175	148	191	196	2,544	North Carolina.
North Dakota.....	17	19	26	21	25	15	16	19	10	12	8	12	200	North Dakota.
Ohio.....	450	474	510	529	481	428	432	411	388	358	366	423	5,280	Ohio.
Oklahoma.....	107	103	125	117	106	114	105	90	80	75	82	69	1,233	Oklahoma.
Oregon.....	60	69	73	56	54	67	58	43	44	34	38	40	626	Oregon.
Pennsylvania.....	635	712	774	775	774	688	576	592	540	551	538	619	7,774	Pennsylvania.
Porto Rico.....	222	230	216	233	220	132	272	240	220	237	304	237	2,803	Porto Rico.
South Carolina.....	108	109	121	162	137	114	126	121	109	103	97	144	1,451	South Carolina.
South Dakota.....	20	21	36	28	28	12	17	14	20	17	20	17	373	South Dakota.
Tennessee.....	336	338	331	322	310	322	306	275	232	273	274	248	3,567	Tennessee.

Texas.....	348	255	383	305	348	282	282	268	196	189	197	202	3,235	Texas.
Utah.....	18	9	25	19	13	18	11	10	12	14	12	12	173	Utah.
Vermont.....	23	22	27	33	30	28	28	20	21	21	22	22	295	Vermont.
Virginia.....	283	254	306	257	263	238	246	222	212	212	187	235	2,915	Virginia.
Washington.....	91	86	106	105	110	85	97	63	81	87	92	80	1,083	Washington.
West Virginia.....	107	102	131	118	113	102	97	97	91	93	86	89	1,226	West Virginia.
Wisconsin.....	136	134	174	166	156	156	150	130	114	158	116	120	1,710	Wisconsin.
Wyoming.....	5	3	4	12	10	9	8	6	2	3	8	6	76	Wyoming.

*Tuberculosis (all forms)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	27	0.49	2,405	0.99	.....	Alabama.
Alaska.....	1,55,036	.....	.....	.....	.....	.....	Alaska.
Arizona.....	380,960	1,855	4.87	1,217	3.19	1.5	Arizona.
Arkansas.....	1,816,287	8,485	2.23	1,489	.82	1.5	Arkansas.
California.....	3,805,153	3,192	3.22	5,724	1.50	2.0	California.
Colorado.....	990,320	1,690	1.14	1,604	1.62	1.3	Colorado.
Connecticut.....	1,476,483	290	1.26	1,314	.89	1.1	Connecticut.
Delaware.....	250,460	1,301	2.97	256	1.11	2.3	Delaware.
District of Columbia.....	1,437,571	1,198	1.15	578	1.32	1.1	District of Columbia.
Florida.....	1,046,287	980	3.55	1,079	1.03	.....	Florida.
Georgia.....	2,990,106	16,512	2.43	2,637	.88	.....	Georgia.
Hawaii.....	278,984	.....	.....	417	1.40	2.4	Hawaii.
Idaho.....	470,179	.....	.....	138	.26	.....	Idaho.
Illinois.....	6,790,524	2,779	.....	5,549	.82	3.0	Illinois.
Indiana.....	3,013,134	2,100	1.30	2,779	.92	.....	Indiana.
Iowa.....	2,408,643	2,066	1.77	1,055	.43	.....	Iowa.
Kansas.....	1,797,489	6,163	1.53	724	.40	3.0	Kansas.
Kentucky.....	2,402,317	4,332	1.73	3,120	1.27	.....	Kentucky.
Louisiana.....	1,849,746	2,930	1.64	2,064	1.12	.....	Louisiana.
Maine.....	1,777,259	.....	.....	614	.79	.....	Maine.
Maryland.....	1,505,295	2,066	1.77	1,839	1.23	1.4	Maryland.
Massachusetts.....	4,027,545	6,163	1.53	3,567	.89	1.7	Massachusetts.
Michigan.....	3,977,821	5,471	1.38	2,837	.71	1.9	Michigan.
Minnesota.....	2,496,396	4,332	1.73	1,846	.74	2.3	Minnesota.
Mississippi.....	1,790,618	2,930	1.64	1,880	1.05	1.6	Mississippi.

<sup>1</sup> Population Jan. 1, 1920



*Tuberculosis (all forms)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923—Continued.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Missouri.....	3,443,971	2,922	0.85	2,857	0.83	1.0	Missouri.
Montana.....	3,611,199	604	.99	357	.58	1.7	Montana.
Nebraska.....	1,333,922	143	.32	438	.33	.....	Nebraska.
New Hampshire.....	3,447,862	5,613	1.66	3,046	.90	1.8	New Hampshire.
New Jersey.....	3,378,963	763	2.05	719	1.93	1.1	New Jersey.
New Mexico.....	372,265	21,039	1.94	10,500	.97	2.0	New Mexico.
New York.....	10,843,461	2,685,921	.....	2,644	.36	.....	New York.
North Carolina.....	2,685,921	6,858	1.12	5,256	.86	1.3	North Carolina.
North Dakota.....	6,117,122	.....	.....	1,233	.57	.....	North Dakota.
Ohio.....	2,162,079	.....	.....	77	.76	.....	Ohio.
Oklahoma.....	2,823,270	.....	.....	626	.83	.....	Oklahoma.
Oregon.....	9,100,326	.....	.....	7,774	.85	.....	Oregon.
Pennsylvania.....	1,365,349	.....	.....	2,803	2.03	.....	Pennsylvania.
Porto Rico.....	.....	.....	.....	.....	.....	.....	Porto Rico.
Rhode Island.....	636,672	589	.94	1,451	.83	.....	Rhode Island.
South Carolina.....	1,744,498	.....	.....	573	.57	.....	South Carolina.
South Dakota.....	1,655,532	.....	.....	3,567	1.49	.....	South Dakota.
Tennessee.....	2,363,077	.....	.....	.....	.....	.....	Tennessee.
Texas.....	4,939,630	.....	.....	3,285	.65	.....	Texas.
Utah.....	1,476,812	177	.37	173	.36	1.0	Utah.
Vermont.....	1,352,426	352	1.00	295	.84	1.2	Vermont.
Virginia.....	2,396,441	.....	.....	2,915	1.22	.....	Virginia.
Washington.....	1,433,968	1,835	1.28	1,083	.76	1.7	Washington.
West Virginia.....	1,551,156	2,212	.81	1,226	.79	.....	West Virginia.
Wisconsin.....	2,730,574	.....	.....	1,710	.62	1.3	Wisconsin.
Wyoming.....	211,864	.....	.....	76	.36	.....	Wyoming.

<sup>1</sup> Population Jan. 1, 1920.



## Cases of tuberculosis (pulmonary) reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
California.....	788	626	649	739	718	599	554	806	640	848	700	616	8,283	California.
Connecticut.....	119	101	144	141	164	137	133	133	120	129	119	114	1,554	Connecticut.
Delaware.....	19	11	20	13	16	16	17	23	27	19	30	26	237	Delaware.
Florida.....	89	112	104	100	115	96	87	82	76	121	112	75	1,169	Florida.
Hawaii.....	56	73	65	84	83	69	68	51	70	77	67	49	814	Hawaii.
Illinois.....	1,785	1,140	2,456	1,388	1,603	1,342	1,142	1,116	1,071	1,368	1,076	873	16,330	Illinois.
Louisiana.....	233	221	190	242	221	236	230	206	193	206	176	242	2,396	Louisiana.
Maryland.....	181	173	186	243	191	237	256	226	209	220	239	201	2,562	Maryland.
Massachusetts.....	409	432	423	472	568	490	463	395	442	489	383	391	5,356	Massachusetts.
Nevada.....	7	8	9	9	6	4	10	6	3	5	6	3	76	Nevada.
New York.....	1,498	1,608	1,965	1,747	1,848	1,704	1,999	1,751	1,451	1,679	1,511	1,156	19,936	New York.
Rhode Island.....	42	31	43	55	53	52	50	37	39	39	39	33	513	Rhode Island.
Utah.....	15	8	19	16	7	16	8	8	7	14	10	13	141	Utah.
Virginia.....	280	278	319	374	297	337	240	197	257	259	200	276	3,314	Virginia.

## Deaths registered as due to tuberculosis (pulmonary), 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	202	176	220	216	157	192	192	168	182	177	158	167	2,207	Alabama.
Arkansas.....	104	111	130	125	145	150	109	117	86	94	84	171	1,426	Arkansas.
California.....	465	429	489	483	430	404	360	351	387	393	415	435	5,041	California.
Colorado.....	137	128	168	138	130	111	113	112	118	108	122	132	1,517	Colorado.
Connecticut.....	101	100	107	110	107	103	86	99	77	83	91	99	1,163	Connecticut.
Delaware.....	19	22	26	17	20	15	23	15	17	13	16	21	224	Delaware.
District of Columbia.....	46	36	49	43	51	32	47	48	34	39	41	40	506	District of Columbia.
Florida.....	93	85	93	81	92	83	82	80	71	95	87	70	1,012	Florida.
Georgia.....	228	192	212	238	229	201	208	224	204	167	195	168	2,466	Georgia.
Hawaii.....	31	40	28	34	40	25	32	18	28	25	31	28	360	Hawaii.
Idaho.....	11	7	7	17	9	9	12	9	7	9	12	5	114	Idaho.
Illinois.....	395	440	493	461	460	444	370	374	349	415	337	359	4,897	Illinois.
Indiana.....	187	250	257	205	224	267	263	169	163	177	162	165	2,369	Indiana.
Iowa.....	69	90	88	108	71	89	75	56	56	57	56	61	895	Iowa.
Kansas.....	62	55	75	59	64	57	51	62	35	62	54	40	676	Kansas.

## Deaths registered as due to tuberculosis (pulmonary) 1923—Continued.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Kentucky.....	314	300	300	255	270	238	230	216	166	163	203	158	2,822	Kentucky.
Louisiana.....	174	194	179	183	194	155	177	154	143	130	110	152	1,945	Louisiana.
Maine.....	39	51	67	37	59	43	40	38	28	25	37	38	1,002	Maine.
Maryland.....	173	153	147	173	158	125	133	138	102	140	136	114	1,094	Maryland.
Massachusetts.....	251	265	298	288	327	255	264	234	207	225	213	251	3,078	Massachusetts.
Michigan.....	211	216	236	220	257	206	208	202	162	160	158	174	2,410	Michigan.
Minnesota.....	113	148	150	160	164	143	118	110	99	95	109	104	1,513	Minnesota.
Missouri.....	244	233	284	293	221	203	190	184	164	157	170	216	2,529	Missouri.
Nebraska.....	24	33	48	36	40	31	26	19	23	19	25	34	358	Nebraska.
Nevada.....	7	3	6	9	5	4	6	5	3	5	6	3	62	Nevada.
New Jersey.....	228	234	288	264	238	261	229	208	184	217	188	207	2,776	New Jersey.
New Mexico.....	61	68	85	76	59	55	48	43	41	44	55	48	683	New Mexico.
New York.....	773	867	907	927	876	776	752	686	631	686	600	727	9,178	New York.
North Carolina.....	245	200	210	231	220	197	186	198	161	133	181	183	2,345	North Carolina.
North Dakota.....	13	17	21	17	17	9	12	15	7	6	6	7	147	North Dakota.
Ohio.....	389	410	454	433	402	354	373	349	314	309	311	364	4,482	Ohio.
Oklahoma.....	100	153	117	110	100	98	98	83	73	71	69	38	1,128	Oklahoma.
Oregon.....	48	47	59	46	46	48	51	35	32	31	30	35	508	Oregon.
Pennsylvania.....	554	649	677	698	669	597	502	512	469	471	487	523	6,791	Pennsylvania.
Porto Rico.....	217	219	265	218	210	151	151	227	212	243	216	204	2,382	Porto Rico.
South Carolina.....	101	102	117	154	124	108	111	106	99	98	88	132	1,340	South Carolina.
South Dakota.....	16	21	31	26	25	11	15	14	18	13	19	125	3,332	South Dakota.
Tennessee.....	308	315	301	285	297	264	264	249	203	218	248	221	3,221	Tennessee.
Texas.....	330	243	359	298	321	264	256	248	157	179	189	186	3,060	Texas.
Utah.....	15	8	19	16	6	16	8	8	7	13	10	10	137	Utah.
Vermont.....	30	17	22	24	25	18	25	15	21	23	10	18	238	Vermont.
Virginia.....	257	234	279	228	250	212	218	195	169	196	172	214	2,634	Virginia.
Washington.....	73	66	81	105	67	75	73	70	63	73	77	70	890	Washington.
West Virginia.....	87	83	108	106	160	85	81	82	78	77	72	73	1,044	West Virginia.
Wisconsin.....	115	111	146	143	138	129	135	104	98	133	101	102	1,455	Wisconsin.

*Tuberculosis (pulmonary)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923.*

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State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
Alabama.....	2,423,912	.....	.....	2,297	0.91	.....	Alabama.
Arkansas.....	1,816,287	.....	.....	2,426	.79	.....	Arkansas.
California.....	3,805,153	8,283	2.18	5,041	1.32	1.6	California.
Colorado.....	990,320	.....	.....	1,517	1.55	.....	Colorado.
Connecticut.....	1,476,483	1,554	1.05	1,163	.79	1.3	Connecticut.
Delaware.....	230,460	237	1.03	224	.97	1.1	Delaware.
District of Columbia.....	143,571	1,210	2.77	566	1.16	2.4	District of Columbia.
Florida.....	1,046,287	1,169	1.12	1,012	.97	1.2	Florida.
Georgia.....	2,999,196	.....	.....	2,466	.82	.....	Georgia.
Hawaii.....	278,984	814	2.92	360	1.29	2.3	Hawaii.
Idaho.....	470,179	.....	.....	114	.24	.....	Idaho.
Illinois.....	6,790,324	16,330	2.40	4,897	.72	3.3	Illinois.
Indiana.....	3,013,134	.....	.....	2,309	.79	.....	Indiana.
Iowa.....	2,468,643	.....	.....	895	.36	.....	Iowa.
Kansas.....	1,797,469	.....	.....	676	.38	.....	Kansas.
Kentucky.....	2,462,317	.....	.....	2,822	1.15	.....	Kentucky.
Louisiana.....	1,849,746	2,596	1.40	1,945	1.05	1.3	Louisiana.
Maine.....	777,259	.....	.....	502	.65	.....	Maine.
Maryland.....	1,505,295	2,562	1.70	1,994	1.33	1.7	Maryland.
Massachusetts.....	4,027,545	5,356	1.33	3,078	.76	.....	Massachusetts.
Michigan.....	3,977,821	.....	.....	2,410	.61	.....	Michigan.
Minnesota.....	2,499,396	.....	.....	1,513	.61	.....	Minnesota.
Mississippi.....	1,700,618	.....	.....	1,628	.91	.....	Mississippi.
Missouri.....	3,443,971	.....	.....	2,529	.73	.....	Missouri.
Nebraska.....	1,333,922	.....	.....	338	.27	.....	Nebraska.
Nevada.....	177,407	76	.98	62	.80	1.2	Nevada.
New Jersey.....	3,378,963	.....	.....	2,776	.82	.....	New Jersey.
New Mexico.....	372,265	.....	.....	683	1.83	.....	New Mexico.
New York.....	10,843,661	19,936	1.84	9,178	.85	2.2	New York.
North Carolina.....	2,686,325	.....	.....	2,345	.87	.....	North Carolina.

*Tuberculosis (pulmonary)—Cases reported, deaths registered, indicated morbidity and mortality rates, and number of cases reported for each death registered, 1923—Continued.*

State.	Estimated population, July 1, 1923.	Cases reported, 1923.	Cases per 1,000 inhabitants.	Deaths registered, 1923.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	State.
North Dakota.....	672,041			147	0.22		North Dakota.
Ohio.....	6,117,122			4,482	.73		Ohio.
Oklahoma.....	2,162,079			1,128	.52		Oklahoma.
Oregon.....	823,270			598	.62		Oregon.
Pennsylvania.....	9,100,325			6,791	.75		Pennsylvania.
Porto Rico.....	1,365,349			2,582	1.89		Porto Rico.
Rhode Island.....	628,672						Rhode Island.
South Carolina.....	1,744,408	513	.82	1,340	.77		South Carolina.
South Dakota.....	655,532			1,332	.51		South Dakota.
Tennessee.....	2,363,077			3,225	1.35		Tennessee.
Texas.....	4,939,630			3,060	.62		Texas.
Utah.....	476,812	141	.30	137	.29	1.0	Utah.
Vermont.....	1352,428			238	.68		Vermont.
Virginia.....	2,398,441	3,314	1.38	2,634	1.10	1.3	Virginia.
Washington.....	1,433,998			890	.62		Washington.
West Virginia.....	1,551,156			1,044	.67		West Virginia.
Wisconsin.....	2,739,574			1,455	.53		Wisconsin.

<sup>1</sup> Population Jan. 1, 1920.

*Typhoid fever—Monthly estimated expectancy based on data which are available for the years 1914 to 1922, inclusive.*

State.	Number of years included.	Jan-uary.	Febru-ary.	March.	April.	May.	June.	July.	August.	Septem-ber.	Octo-ber.	Novem-ber.	Decem-ber.	Total.	State
Alabama.....	4	42	38	39	36	66	141	200	222	162	88	71	42	1,147	Alabama.
Arizona.....	5	1	1	2	1	1	6	6	11	8	12	4	6	59	Arizona.
Arkansas.....	6	23	27	18	17	20	44	103	122	110	84	74	34	676	Arkansas.
California.....	9	57	53	61	53	70	105	136	156	131	112	80	73	1,087	California.
Colorado.....	8	15	5	10	16	10	19	45	85	98	77	35	11	420	Colorado.

Connecticut.....	9	11	14	17	23	34	47	82	121	68	45	21	494	Connecticut.
Delaware.....	3	4	4	4	5	8	13	20	23	21	10	12	130	Delaware.
District of Columbia.....	9	10	7	8	10	14	27	39	43	23	15	12	216	District of Columbia.
Florida.....	5	36	35	52	61	52	60	60	30	31	24	23	513	Florida.
Georgia.....	4	26	24	26	77	166	235	243	198	138	61	41	1,257	Georgia.
Hawaii.....	8	15	14	11	15	13	14	13	15	17	23	15	175	Hawaii.
Idaho.....	3	10	2	3	6	5	8	15	21	12	11	9	104	Idaho.
Illinois.....	7	96	80	80	91	116	186	255	286	240	173	103	1,798	Illinois.
Indiana.....	5	34	29	44	39	47	52	87	117	164	84	65	906	Indiana.
Kansas.....	4	32	12	22	38	62	151	205	173	119	61	29	916	Kansas.
Kentucky.....	1	39	38	32	49	49	257	255	220	139	113	89	1,310	Kentucky.
Louisiana.....	9	41	37	34	86	112	135	152	115	94	77	100	1,041	Louisiana.
Maine.....	7	14	11	12	14	12	23	35	30	32	14	15	218	Maine.
Maryland.....	5	42	34	45	47	68	156	290	304	203	117	88	1,433	Maryland.
Massachusetts.....	5	48	41	42	72	58	84	130	172	113	69	45	914	Massachusetts.
Michigan.....	9	69	71	94	75	92	133	168	226	179	128	89	1,371	Michigan.
Minnesota.....	4	44	43	54	56	40	69	83	78	100	61	59	726	Minnesota.
Mississippi.....	3	100	84	94	125	315	444	381	318	331	156	108	2,612	Mississippi.
Missouri.....	1	22	27	23	37	18	138	146	141	78	56	34	732	Missouri.
Montana.....	8	10	10	17	12	17	28	34	43	36	19	10	244	Montana.
Nebraska.....	5	9	4	4	9	4	7	13	29	30	11	10	135	Nebraska.
Nevada.....	4	5	1	3	2	3	3	13	10	13	6	5	65	Nevada.
New Hampshire.....	3	1	2	5	3	1	4	10	10	9	3	2	53	New Hampshire.
New Jersey.....	4	36	22	29	31	41	60	112	128	89	75	26	716	New Jersey.
New Mexico.....	3	13	6	5	10	22	28	26	64	75	48	26	331	New Mexico.
New York.....	5	134	92	109	143	156	229	432	527	414	243	165	2,774	New York.
North Carolina.....	3	35	18	18	43	259	481	421	314	163	77	47	1,969	North Carolina.
North Dakota.....	6	9	5	5	7	2	8	16	24	26	17	10	134	North Dakota.
Ohio.....	5	128	99	103	113	142	242	421	585	448	202	129	2,785	Ohio.
Oklahoma.....	2	9	13	13	24	61	122	124	68	38	28	15	526	Oklahoma.
Oregon.....	9	10	9	6	9	11	15	23	24	33	16	16	183	Oregon.
Pennsylvania.....	6	192	169	182	178	228	360	641	758	588	288	105	3,890	Pennsylvania.
Porto Rico.....	8	20	16	23	28	27	27	23	21	19	14	21	296	Porto Rico.
Rhode Island.....	8	3	3	3	5	7	13	18	19	11	9	7	103	Rhode Island.
South Carolina.....	9	10	8	15	42	152	140	103	105	46	31	13	681	South Carolina.
South Dakota.....	7	3	5	4	5	4	10	16	20	15	12	3	98	South Dakota.
Texas.....	6	26	33	24	38	90	138	120	114	88	64	53	830	Texas.
Utah.....	7	10	8	12	21	37	57	45	71	56	37	16	351	Utah.
Vermont.....	9	14	8	11	9	6	6	16	34	21	11	9	144	Vermont.
Virginia.....	5	61	44	69	95	220	461	463	315	224	124	73	2,207	Virginia.
Washington.....	9	35	23	25	26	39	56	85	99	96	45	31	580	Washington.
West Virginia.....	6	47	33	48	56	78	168	251	237	163	101	59	1,310	West Virginia.
Wisconsin.....	9	32	30	30	34	31	29	38	43	47	43	23	414	Wisconsin.
Wyoming.....	9	1	3	2	4	4	6	9	12	7	4	4	59	Wyoming.

*Cases of typhoid fever reported, 1925.*

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	40	30	96	54	119	206	351	485	265	105	73	55	1,939	Alabama.
Arizona.....	33	3	1	2	8	12	6	6	10	16	1	7	75	Arizona.
Arkansas.....	39	16	5	7	38	30	173	162	138	121	70	41	840	Arkansas.
California.....	46	28	27	37	66	75	71	148	93	119	66	61	888	California.
Colorado.....	12	4	5	10	12	21	40	67	101	69	48	22	411	Colorado.
Connecticut.....	7	5	9	7	12	9	28	51	58	60	22	29	257	Connecticut.
Delaware.....	3	1	1	1	1	4	4	4	24	17	18	10	96	Delaware.
District of Columbia.....	2	4	3	1	1	13	12	20	26	14	4	4	118	District of Columbia.
Florida.....	47	37	68	82	70	56	60	40	39	32	28	40	599	Florida.
Georgia.....	18	14	15	12	23	90	166	134	78	48	30	23	651	Georgia.
Hawaii.....	13	17	19	13	12	12	17	22	15	17	6	12	175	Hawaii.
Idaho.....	1	1	1	3	-----	1	-----	29	23	7	3	4	72	Idaho.
Illinois.....	65	31	89	52	54	68	99	253	320	259	315	277	1,862	Illinois.
Indiana.....	10	13	13	14	33	33	33	60	137	83	53	157	863	Indiana.
Iowa.....	17	2	5	16	26	36	134	258	169	81	51	11	869	Iowa.
Kansas.....	73	32	38	51	70	125	121	141	107	81	55	28	922	Kansas.
Louisiana.....	7	23	7	0	7	32	15	27	27	16	14	17	214	Louisiana.
Maine.....	24	24	29	28	34	44	117	277	225	199	132	77	1,216	Maine.
Maryland.....	35	20	41	41	51	51	58	47	67	89	67	32	932	Maryland.
Massachusetts.....	39	41	44	41	44	44	58	106	100	156	126	52	982	Massachusetts.
Michigan.....	57	70	53	41	35	49	77	106	100	156	126	52	982	Michigan.
Minnesota.....	15	16	16	26	21	32	34	70	73	69	38	36	446	Minnesota.
Mississippi.....	47	40	58	64	125	173	327	320	241	148	81	46	1,690	Mississippi.
Missouri.....	23	11	10	31	49	67	87	117	172	106	67	40	736	Missouri.
Montana.....	8	4	3	5	11	2	21	16	34	15	32	8	159	Montana.
Nebraska.....	7	4	3	4	1	3	28	6	3	5	3	1	65	Nebraska.
Nevada.....	1	1	3	11	-----	2	-----	7	5	4	4	-----	38	Nevada.
New Hampshire.....	2	-----	1	1	3	1	-----	9	6	6	4	5	33	New Hampshire.
New Jersey.....	22	22	17	19	23	68	61	102	108	90	47	41	620	New Jersey.
New Mexico.....	27	2	4	6	2	8	31	60	75	85	33	26	359	New Mexico.
New York.....	140	76	92	112	121	127	182	381	408	281	187	94	2,201	New York.
North Carolina.....	30	30	40	29	54	148	461	342	297	136	61	42	1,577	North Carolina.
Ohio.....	5	2	1	4	3	1	3	19	32	16	28	15	129	Ohio.
Oklahoma.....	67	32	44	56	59	80	105	320	349	302	108	60	1,672	Oklahoma.
Oregon.....	5	5	23	19	11	55	121	164	48	224	96	21	832	Oregon.
-----	5	7	5	4	2	13	6	23	34	40	15	15	109	Oregon.



Pennsylvania.....	153	103	73	101	96	144	180	321	448	302	230	152	2,363	Pennsylvania.
Porto Rico.....	30	28	46	29	29	74	83	104	66	67	116	108	870	Porto Rico.
Rhode Island.....	6	1	2	8	3	2	7	11	3	10	3	3	51	Rhode Island.
South Carolina.....	9	6	6	8	26	101	48	68	27	48	10	7	364	South Carolina.
South Dakota.....	8	6	2	2	13	5	8	16	10	12	1	5	88	South Dakota.
Tennessee.....	18	15	10	17	22	79	217	272	188	94	40	21	993	Tennessee.
Texas.....	24	16	4	11	29	133	144	202	204	42	56	68	933	Texas.
Utah.....	11	4	3	4	13	19	33	288	42	37	15	4	473	Utah.
Vermont.....	6	5	5	5	4	4	2	3	6	3	2	4	45	Vermont.
Virginia.....	32	25	37	76	76	204	388	447	291	217	125	71	1,989	Virginia.
Washington.....	36	14	20	31	18	26	34	112	96	75	58	27	547	Washington.
West Virginia.....	25	29	54	40	33	97	140	221	272	285	93	44	1,333	West Virginia.
Wisconsin.....	23	12	26	23	22	10	27	34	36	46	53	19	831	Wisconsin.
Wyoming.....	1	1	1	1	3	1	9	9	14	19	4	1	61	Wyoming.

## Deaths registered as due to typhoid fever, 1923.

State.	Jan- uary.	Feb- ruary.	March.	April.	May.	June.	July.	Aug- ust.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	17	5	16	12	13	33	53	70	65	36	23	18	361	Alabama.
Arizona.....	1	1	1	4	4	1	5	2	4	6	3	3	31	Arizona.
Arkansas.....	15	8	6	6	12	16	29	37	45	39	27	34	274	Arkansas.
California.....	7	5	2	8	13	15	15	26	10	16	18	16	152	California.
Colorado.....	8	5	2	4	2	5	11	18	19	15	12	5	104	Colorado.
Connecticut.....	1	2	2	4	2	1	5	4	6	9	4	1	38	Connecticut.
Delaware.....	1	1	1	1	1	2	2	6	6	3	1	1	27	Delaware.
District of Columbia.....	7	6	18	18	21	14	19	24	19	10	12	2	27	District of Columbia.
Florida.....	22	19	13	23	33	59	108	118	74	62	37	31	599	Florida.
Georgia.....	1	3	6	2	1	5	3	1	3	3	1	5	32	Georgia.
Hawaii.....	1	1	1	1	1	1	1	1	1	1	1	1	20	Hawaii.
Idaho.....	18	13	12	11	13	8	26	45	52	42	6	2	329	Idaho.
Illinois.....	13	6	10	5	7	5	15	28	13	25	20	27	207	Illinois.
Indiana.....	5	1	4	3	1	2	4	13	13	11	6	13	177	Indiana.
Iowa.....	5	1	4	3	1	2	4	13	13	11	6	13	76	Iowa.
Kansas.....	1	3	2	3	1	3	11	21	29	18	11	8	111	Kansas.
Kentucky.....	22	24	23	25	24	29	42	53	29	60	32	26	469	Kentucky.
Louisiana.....	23	6	11	21	20	27	28	30	37	29	15	7	237	Louisiana.
Maine.....	3	3	6	2	3	3	4	4	5	5	11	8	81	Maine.
Maryland.....	3	4	4	3	1	4	10	14	15	15	11	8	92	Maryland.

## Deaths registered as due to typhoid fever, 1923—Continued.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	Total.	State.
Massachusetts.....	6	2	7	9	7	4	4	6	5	8	9	3	70	Massachusetts.
Michigan.....	12	9	12	15	13	14	20	20	18	26	28	15	202	Michigan.
Minnesota.....	1	3	1	1	5	6	2	7	7	14	7	6	60	Minnesota.
Missouri.....	5	17	8	13	20	10	30	43	63	39	29	18	205	Missouri.
Montana.....	3	2	3				2	1	1	2	2	1	17	Montana.
Nebraska.....	3	3	1		2	2	4	6	5	9	1	4	40	Nebraska.
Nevada.....	1			3		1	16	15	12	8	13	14	6	Nevada.
New Jersey.....	5	3	4	4	3	8	8	6	10	11	1	1	105	New Jersey.
New Mexico.....	2	2	1	2	3	4	8	8	10	11	1	1	51	New Mexico.
New York.....	25	16	28	13	17	16	27	38	40	38	24	27	309	New York.
North Carolina.....														North Carolina.
North Dakota.....	9	6	5	4	14	29	48	58	35	28	10	22	268	North Dakota.
Ohio.....	1				1	2	1	1	5	3	4	1	24	Ohio.
Oklahoma.....	12	10	12	12	16	18	31	42	41	56	31	17	300	Oklahoma.
Oregon.....	14	16	3	2	7	21	57	69	49	44	45	15	342	Oregon.
Pennsylvania.....	3	1	4		2	1	1	6	5	10	2	4	39	Pennsylvania.
Porto Rico.....	35	21	20	29	22	32	35	42	65	68	34	35	438	Porto Rico.
South Carolina.....	4	5	8	7	21	7	27	30	18	22	28	48	225	South Carolina.
South Dakota.....	9	2	3	6	9	30	49	48	43	27	26	15	267	South Dakota.
Tennessee.....	27	9	10	16	15	31	74	122	79	67	35	29	514	Tennessee.
Texas.....	21	14	7	10	27	41	47	59	34	20	29	18	327	Texas.
Utah.....	2	1			2		3	13	5	5	9		39	Utah.
Vermont.....	2				1	1	2	2	5			2	11	Vermont.
Virginia.....	9	9	7	15	16	19	31	45	45	35	14	10	232	Virginia.
Washington.....	3	4	3	8	7	3	8	7	9	15	8	3	78	Washington.
West Virginia.....	20	16	19	15	7	22	36	25	31	36	25	11	249	West Virginia.
Wisconsin.....	5	6	4	5	5	2	5	4	6	6	6	7	155	Wisconsin.
Wyoming.....	1				1	2	2	4	2	2	1		14	Wyoming.

*Typhoid fever—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922.*

State.	Estimated population, July 1, 1923.	Estimated expectancy.			1923.					State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.	
Alabama.....	2,423,912	4	1,147	0.48	1,939	0.80	361	0.15	18.6	Alabama.
Arizona.....	380,960	5	59	.18	75	.20	31	.08	41.3	Arizona.
Arkansas.....	1,816,287	6	676	.38	840	.46	274	.15	32.6	Arkansas.
California.....	3,805,153	9	1,087	.33	888	.23	152	.04	17.1	California.
Colorado.....	990,320	8	426	.46	411	.42	104	.11	25.3	Colorado.
Connecticut.....	1,476,483	9	494	.37	297	.20	38	.03	12.8	Connecticut.
Delaware.....	1,230,460	3	130	.57	96	.42	27	.12	28.1	Delaware.
District of Columbia.....	1,437,571	9	216	.51	118	.27	27	.06	22.9	District of Columbia.
Florida.....	1,046,287	5	513	.52	599	.57	177	.17	29.5	Florida.
Georgia.....	2,999,196	4	1,257	.43	651	.22	599	.20	92.0	Georgia.
Hawaii.....	278,984	8	175	.71	175	.63	32	.11	18.3	Hawaii.
Idaho.....	470,179	3	104	.23	72	.15	20	.04	27.8	Idaho.
Illinois.....	6,790,524	7	1,798	.28	1,862	.27	320	.05	17.2	Illinois.
Indiana.....	3,013,134	5	1,996	.31	1,643	.21	207	.07	32.2	Indiana.
Iowa.....	2,468,643	5					76	.03		Iowa.
Kansas.....	1,797,489	4	916	.51	809	.45	111	.06	13.7	Kansas.
Kentucky.....	2,462,317	1	1,310	.53	982	.40	460	.19	46.8	Kentucky.
Louisiana.....	1,849,746	9	1,041	.59	922	.50	257	.14	27.9	Louisiana.
Maine.....	1,777,259	7	218	.28	214	.28	51	.07	23.8	Maine.
Maryland.....	1,505,295	5	1,433	.98	1,216	.81	92	.06	7.6	Maryland.
Massachusetts.....	4,027,545	5	914	.24	622	.15	70	.02	11.3	Massachusetts.
Michigan.....	3,977,821	9	1,371	.39	982	.25	202	.05	20.6	Michigan.
Minnesota.....	2,499,396	9	726	.31	446	.18	60	.02	13.5	Minnesota.
Mississippi.....	1,790,618	3	2,612	1.46	1,690	.94	0			Mississippi.
Missouri.....	3,443,971	1	732	.21	736	.21	295	.09	40.1	Missouri.
Montana.....	611,199	8	244	.47	159	.26	17	.03	10.7	Montana.
Nebraska.....	1,333,922	5	135	.10	65	.05	40	.03	61.5	Nebraska.
Nevada.....	177,407	4	65	.83	38	.49	6	.08	15.8	Nevada.
New Hampshire.....	447,592	3	53	.12	33	.07				New Hampshire.
New Jersey.....	3,378,963	4	716	.22	620	.18	105	.03	16.9	New Jersey.

*Typhoid fever—Cases reported, deaths registered, and indicated morbidity, mortality, and fatality rates, 1923; estimated expectancy and indicated annual rates based on the years 1914-1922—Continued.*

State.	Estimated population July 1, 1923.	Estimated expectancy.			1923.					State.
		Number of years.	Cases.	Cases per 1,000 inhabitants.	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Fatalities per 100 cases.	
New Mexico.....	372,265	3	331	0.91	359	0.96	51	0.14	14.2	New Mexico.
New York.....	10,843,661	5	2,774	.27	2,301	.20	309	.03	14.0	New York.
North Carolina.....	2,686,321	3	1,969	.75	1,577	.59	293	.10	17.0	North Carolina.
North Dakota.....	672,011	6	1,134	.21	1,129	.19	24	.04	18.6	North Dakota.
Ohio.....	6,117,122	5	2,785	.48	1,672	.27	300	.05	17.9	Ohio.
Oklahoma.....	2,162,079	2	525	.25	832	.38	342	.16	41.1	Oklahoma.
Oregon.....	822,370	9	183	.24	109	.21	39	.05	23.1	Oregon.
Pennsylvania.....	9,100,326	6	3,890	.45	2,363	.26	438	.05	18.3	Pennsylvania.
Porto Rico.....	1,365,349	8	266	.21	870	.64	225	.16	25.9	Porto Rico.
Rhode Island.....	626,672	8	103	.17	51	.08	27	.15	73.4	Rhode Island.
South Carolina.....	1,744,408	9	681	.41	364	.21	23	.04	26.1	South Carolina.
South Dakota.....	1,655,332	7	98	.15	88	.13	514	.21	51.8	South Dakota.
Tennessee.....	2,393,077	6	830	.18	933	.19	327	.07	35.0	Tennessee.
Texas.....	4,930,630	7	351	.80	478	.90	39	.08	8.2	Texas.
Utah.....	476,812	7	351	.80	478	.90	39	.08	8.2	Utah.
Vermont.....	1,352,428	9	144	.45	45	.13	11	.03	24.4	Vermont.
Virginia.....	2,398,441	5	2,207	.05	1,989	.83	252	.11	12.7	Virginia.
Washington.....	1,433,968	9	580	.44	547	.38	78	.05	14.3	Washington.
West Virginia.....	1,551,156	6	1,310	.89	1,333	.86	250	.16	18.8	West Virginia.
Wisconsin.....	2,739,574	9	414	.16	331	.12	55	.02	16.6	Wisconsin.
Wyoming.....	211,864	9	59	.32	61	.29	14	.07	23.0	Wyoming.

† Population Jan. 1, 1920.

*Cases of typhus fever reported, 1923.*

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....		2							2	3	5	4	16	Alabama.
California.....	1		1				2	2	1	1	7	2	16	California.
Connecticut.....													1	Connecticut.
District of Columbia.....						2		1					1	District of Columbia.
Georgia.....									6	6		3	17	Georgia.
Maryland.....		2			1					1			4	Maryland.
Massachusetts.....				1									1	Massachusetts.
New York.....										3			3	New York.
Ohio.....										1			1	Ohio.
Texas.....						1		1					2	Texas.

*Deaths registered as due to typhus fever, 1923.*

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Arizona.....		2											2	Arizona.
California.....							1						1	California.
Maryland.....		2							1	1			4	Maryland.

## Cases of whooping cough reported, 1923.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Alabama.....	91	154	409	218	453	314	218	166	132	96	104	131	2,483	Alabama.
Arizona.....	2	6	34	22	55	2	12	12	2	.....	3	.....	109	Arizona.
Arkansas.....	56	137	53	53	133	141	283	139	145	85	136	124	1,285	Arkansas.
California.....	520	459	724	943	1,088	463	341	313	166	137	139	94	5,887	California.
Colorado.....	166	130	159	277	233	162	110	93	39	51	45	40	1,505	Colorado.
Connecticut.....	350	303	253	276	224	262	289	229	170	100	186	116	2,758	Connecticut.
Delaware.....	18	9	6	.....	17	22	5	8	1	13	23	16	130	Delaware.
District of Columbia.....	186	185	227	298	179	82	96	34	32	53	37	59	1,391	District of Columbia.
Florida.....	17	3	30	40	106	80	26	22	26	11	24	15	411	Florida.
Georgia.....	11	34	67	64	52	83	69	37	25	66	70	98	706	Georgia.
Hawaii.....	74	31	77	242	82	29	14	4	7	0	8	17	594	Hawaii.
Idaho.....	6	1	23	63	37	7	10	23	8	19	2	2	205	Idaho.
Illinois.....	1,103	973	1,214	1,095	947	892	953	694	490	488	494	501	9,844	Illinois.
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	219	355	.....	Indiana.
Iowa.....	13	13	26	56	69	82	70	14	9	37	58	56	593	Iowa.
Kansas.....	146	289	668	510	283	470	426	228	178	257	404	398	4,227	Kansas.
Louisiana.....	72	58	133	82	129	475	73	51	29	43	29	42	1,216	Louisiana.
Maine.....	357	232	349	218	108	75	94	56	162	167	235	201	2,254	Maine.
Maryland.....	588	461	493	508	597	527	392	273	199	195	205	185	4,623	Maryland.
Massachusetts.....	1,533	1,404	1,883	1,483	1,241	768	472	375	341	335	426	411	10,612	Massachusetts.
Michigan.....	762	739	865	967	817	867	821	574	280	331	293	331	7,617	Michigan.
Minnesota.....	86	121	194	221	182	157	125	120	88	109	77	42	1,526	Minnesota.
Mississippi.....	762	1,065	1,207	1,677	1,300	1,481	1,070	736	736	585	729	758	12,046	Mississippi.
Missouri.....	97	86	251	232	440	796	820	594	370	305	337	367	4,695	Missouri.
Montana.....	12	5	6	22	10	21	12	18	25	23	48	26	228	Montana.
Nebraska.....	36	72	136	144	164	96	42	44	47	24	27	12	844	Nebraska.
Nevada.....	31	22	13	1	6	1	3	1	.....	.....	.....	.....	78	Nevada.
New Hampshire.....	41	54	57	19	19	37	386	276	19	18	9	34	314	New Hampshire.
New Jersey.....	717	559	631	492	452	428	366	276	169	186	250	373	4,919	New Jersey.
New Mexico.....	6	15	23	34	34	13	6	12	16	10	15	9	193	New Mexico.
New York.....	1,886	1,573	1,705	1,723	1,516	1,239	1,236	1,130	974	1,053	1,350	1,698	17,083	New York.
North Carolina.....	909	1,260	1,636	1,553	2,042	1,673	1,419	867	921	874	1,199	1,422	16,075	North Carolina.
North Dakota.....	33	22	41	26	29	41	12	29	30	25	43	39	370	North Dakota.
Ohio.....	854	817	897	831	925	1,025	1,123	785	463	469	492	482	9,203	Ohio.
Oklahoma.....	.....	.....	9	76	73	47	15	9	3	.....	4	1	227	Oklahoma.



State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Oregon.....	25	16	16	31	147	45	32	15	17	7	13	8	372	Oregon.
Pennsylvania.....	1,395	1,321	1,029	1,723	1,252	1,378	1,309	1,040	997	883	889	1,074	14,890	Pennsylvania.
Porto Rico.....	1			1		2	11	9	16	5	23	3	92	Porto Rico.
Rhode Island.....	25	25	27	23	39	26	25	2	6	16	18	13	245	Rhode Island.
South Carolina.....	14	33	43	83	53	69	28	63	35	45	105	97	608	South Carolina.
South Dakota.....	21	21	29	17	20	15	10	15	23	19	53	90	379	South Dakota.
Tennessee.....	157	264	186	656	100	261	432	169	187	138	106	257	2,613	Tennessee.
Texas.....	45	127	201	287	317	438	217	138	79	56	41	32	2,018	Texas.
Utah.....	127	310	267	446	508	333	310	143	134	123	133	140	2,974	Utah.
Vermont.....	283	165	160	119	165	157	116	157	205	301	334	312	2,464	Vermont.
Virginia.....							915	699	643	682	1,062	1,515		Virginia.
Washington.....	167	231	349	529	516	373	233	192	59	78	41	38	2,406	Washington.
West Virginia.....	64	77	131	89	128	187	250	173	257	126	156	183	1,821	West Virginia.
Wisconsin.....	690	435	506	533	424	301	654	517	365	470	745	770	6,408	Wisconsin.
Wyoming.....	4	27	4	6	2	7	4	13	11	52	41	99	270	Wyoming.

## Deaths registered as due to whooping cough, 1923.

State.	Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	State.
Alabama.....	10	18	27	27	38	53	43	33	16	10	26	16	326	Alabama.
Arizona.....	5	2	2	9	3	12	15	2	13		2	2	55	Arizona.
Arkansas.....	4	4	14	10	10	28	37	18	17	22	8	20	165	Arkansas.
California.....	20	22	47	30	62	40	40	20	6	10	13	6	324	California.
Colorado.....	12	8	8	13	20	10	7	9	6	3	4	4	103	Colorado.
Connecticut.....	11	19	21	17	15	10	5	11	14	4	3	2	132	Connecticut.
Delaware.....	3	5		3	3	3	2	1	2		2	2	27	Delaware.
District of Columbia.....	2	4	4	4	2	2	5	2	3	2	1	4	34	District of Columbia.
Florida.....	3		2	5	4	7	6	7	3	5	14	15	71	Florida.
Georgia.....	12	10	13	14	25	34	40	28	29	15	23	20	254	Georgia.
Hawaii.....	11	12	19	14	18	12	4	1	2	1	1	3	98	Hawaii.
Idaho.....							2	1	1	2	2		9	Idaho.
Illinois.....	38	59	69	44	43	44	41	40	35	33	21	29	515	Illinois.
Indiana.....	13	23	33	23	23	26	22	27	14	9	28	24	261	Indiana.
Iowa.....	9	9	13	21	15	19	15	17	4	8	13	9	151	Iowa.
Kansas.....	4	15	16	16	7	11	13	20	5	3	9	13	132	Kansas.
Kentucky.....	24	33	39	30	24	24	49	36	57	18	32	16	332	Kentucky.
Louisiana.....	10	16	23	35	29	36	28	29	16	20	14	13	272	Louisiana.
Maine.....	12	13	21	16	14	5	3	6	9	11	8	8	124	Maine.
Maryland.....	21	24	29	18	29	31	23	25	13	19	11	62	305	Maryland.

## Deaths registered as due to whooping cough, 1923—Continued.

State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	State.
Massachusetts.....	68	87	80	62	45	36	31	20	18	18	9	17	491	Massachusetts.
Michigan.....	34	35	48	31	32	40	33	23	14	13	12	8	323	Michigan.
Minnesota.....	8	16	23	17	17	14	11	8	8	6	8	5	153	Minnesota.
Missouri.....	11	12	27	23	36	38	40	44	32	25	34	30	352	Missouri.
Montana.....	2	3	1	-----	2	2	1	-----	-----	3	-----	1	15	Montana.
Nebraska.....	9	7	14	10	10	2	4	8	6	1	4	1	76	Nebraska.
Nevada.....	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	Nevada.
New Jersey.....	29	42	27	16	22	13	13	16	9	6	12	13	221	New Jersey.
New Mexico.....	3	5	1	3	3	12	3	2	-----	2	-----	-----	34	New Mexico.
New York.....	32	61	68	51	34	48	46	39	40	22	33	34	508	New York.
North Carolina.....	25	22	30	63	61	77	68	32	23	28	38	33	509	North Carolina.
North Dakota.....	2	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	North Dakota.
Ohio.....	43	70	87	45	42	36	38	36	33	30	27	29	563	Ohio.
Oklahoma.....	7	14	22	9	9	17	23	26	7	8	7	2	185	Oklahoma.
Oregon.....	3	2	3	7	4	5	7	2	-----	1	4	-----	38	Oregon.
Pennsylvania.....	87	123	122	101	76	68	66	71	68	51	44	43	920	Pennsylvania.
Porto Rico.....	6	6	-----	-----	-----	-----	2	2	-----	1	1	1	19	Porto Rico.
South Carolina.....	2	3	8	5	10	19	11	12	3	6	8	3	90	South Carolina.
South Dakota.....	4	4	4	-----	2	3	6	-----	4	4	3	7	37	South Dakota.
Tennessee.....	19	13	28	17	19	28	37	25	22	24	18	17	267	Tennessee.
Texas.....	4	5	12	18	24	21	19	11	1	4	4	4	125	Texas.
Utah.....	-----	4	4	-----	2	3	1	4	4	2	-----	2	27	Utah.
Vermont.....	2	4	4	5	4	2	2	-----	2	-----	3	3	23	Vermont.
Virginia.....	35	22	43	31	23	51	45	42	29	31	33	23	408	Virginia.
Washington.....	1	5	11	9	12	16	7	5	3	-----	2	4	77	Washington.
West Virginia.....	15	9	14	13	10	9	12	16	23	13	12	20	166	West Virginia.
Wisconsin.....	8	15	30	23	12	15	12	8	7	7	7	8	153	Wisconsin.
Wyoming.....	2	1	2	1	-----	1	1	2	-----	2	1	1	14	Wyoming.

Whooping cough—Cases reported, 1922; cases reported, deaths registered, indicated morbidity and mortality rates, and cases reported for each death registered, 1923.

State.	Estimated population, July 1, 1923.	Cases reported, 1922.	1923.					State.
			Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.	
Alabama.....	2,423,912	281	2,483	1.02	326	0.13	76.2	Alabama.
Alaska.....	153,060	142	8,003	8.03	15	14	1.8	Alaska.
Arizona.....	380,299	371	1,888	1.76	165	.09	8.4	Arizona.
Arkansas.....	1,816,287	371	5,387	1.42	324	.09	16.6	Arkansas.
California.....	3,803,133	3,268	1,805	1.52	108		14.6	California.
Colorado.....	990,320	803	1,805	1.87	132	.09	23.9	Colorado.
Connecticut.....	1,476,483	2,109	2,758	1.87	97	.12	5.1	Connecticut.
Delaware.....	230,460	55	1,391	3.18	34	.08	40.9	Delaware.
District of Columbia.....	1,437,571	843	1,391	3.18	71	.07	5.8	District of Columbia.
Florida.....	1,046,287	93	411	.39	254		2.8	Florida.
Georgia.....	2,900,196	679	700	.24	98	.08	6.1	Georgia.
Hawaii.....	278,984	340	594	2.13	9	.25	22.8	Hawaii.
Idaho.....	470,179	41	205	.44	515	.02	19.1	Idaho.
Illinois.....	6,790,524	8,756	9,844	1.45	281	.08	3.3	Illinois.
Indiana.....	3,013,134					.09	18.2	Indiana.
Iowa.....	2,468,643		503	.20	151	.06	32.0	Iowa.
Kansas.....	1,797,489	1,280	4,227	2.35	132	.07	3.1	Kansas.
Kentucky.....	2,462,817	1,322	1,083	.44	332	.14	4.5	Kentucky.
Louisiana.....	1,848,746	528	1,216	.66	272	.15	18.2	Louisiana.
Maine.....	777,239	784	2,254	2.90	124	.16	15.2	Maine.
Maryland.....	1,505,295	1,934	4,623	3.07	305	.20	21.6	Maryland.
Massachusetts.....	4,027,545	6,823	10,612	2.63	491	.12	23.6	Massachusetts.
Michigan.....	3,977,821	5,642	7,017	1.91	323	.08	10.0	Michigan.
Minnesota.....	2,406,396	1,193	1,193	.61	153	.06	47.8	Minnesota.
Mississippi.....	1,790,618	9,294	12,046	6.73	252	.14	18.3	Mississippi.
Missouri.....	3,443,971	672	4,605	1.36	352	.10	15.2	Missouri.
Montana.....	611,199	241	228	.37	15	.02	11.1	Montana.
Nebraska.....	1,333,922	169	844	.63	76	.06	39.0	Nebraska.
Nevada.....	177,407	22	78	1.01	2	.03		Nevada.
New Hampshire.....	447,592	129	314	.70				New Hampshire.

Whooping cough—Cases reported, 1922; deaths registered, indicated morbidity and mortality rates, and cases reported for each death registered, 1923—Continued.

State.	1923.					Cases reported, 1922.	Estimated population July 1, 1923.
	Cases reported.	Cases per 1,000 inhabitants.	Deaths registered.	Deaths per 1,000 inhabitants.	Cases reported for each death registered.		
New Jersey.....	4,919	1.46	221	0.07	22.3	5,885	3,378,963
New Mexico.....	193	.52	34	.09	5.7	137	372,265
New York.....	17,083	1.88	808	.08	33.6	14,050	10,843,661
North Carolina.....	16,075	5.88	500	.19	32.2	6,905	2,686,325
North Dakota.....	370	.55	2	.00	185.0	69	672,041
Ohio.....	9,303	1.50	500	.08	18.4	8,430	6,117,122
Oklahoma.....	371	.11	135	.07	1.5	176	2,162,070
Oregon.....	372	.45	38	.05	9.8	176	828,370
Pennsylvania.....	14,890	1.64	920	.10	16.2	10,757	9,163,526
Porto Rico.....	92	.07	19	.01	4.8	1,365,349	1,365,349
Rhode Island.....	245	.39	60	.05	7.4	443	626,672
South Carolina.....	608	.38	37	.06	10.2	226	1,744,408
South Dakota.....	379	.53	267	.11	9.8	115	655,532
Tennessee.....	2,613	1.09	267	.03	16.1	1,093	2,368,077
Texas.....	2,018	.41	125	.03	16.1	877	4,930,620
Utah.....	2,974	6.24	37	.06	110.1	1,329	478,812
Vermont.....	2,464	6.99	33	.09	74.7	1,352,428	1,352,428
Virginia.....	408	.17	408	.17	36.4	2,398,441	2,398,441
Washington.....	2,806	1.96	77	.05	36.4	1,476	1,433,998
West Virginia.....	1,821	1.17	166	.11	11.0	1,577	1,551,156
Wisconsin.....	6,408	2.54	153	.06	41.9	6,767	2,739,574
Wyoming.....	2,270	1.27	14	.07	19.3	85	211,864

<sup>1</sup> Population Jan. 1, 1920.

*Cases reported and deaths registered in New York City,<sup>1</sup> during the calendar year 1923, from certain communicable diseases, with indicated morbidity, mortality, and fatality rates.*

# ANTHRAX.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Rate per 1,000 inhabitants.	Fatalities per 100 cases.	Cases reported for each death registered.
Cases.....													6	0.001		
Deaths.....		2	1		1	1					1	1	1	.000	16.7	

# CEREBROSPINAL MENINGITIS.

Cases.....	9	11	24	14	17	7	7	10	13	8	5	8	133	.02		
Deaths.....	6	8	11	7	11	4	5	5	5	4	2	9	77	.01	57.9	

# CHICKEN POX.

Cases.....	1,289	997	780	785	1,235	1,259	398	134	65	195	538	996	8,671	1.46		1,238.7
Deaths.....			1		1	2	1	1				1	7	.00		

# DIPHTHERIA.

Cases.....	924	710	751	780	840	713	572	350	305	593	692	818	8,050	1.36		
Deaths.....	73	74	43	69	48	41	32	24	20	33	48	48	553	.09	6.9	

# INFLUENZA.

Cases.....	1,274	10,993	2,977	303	102	38	17	22	49	72	108	106	16,061	2.71		
Deaths.....	94	466	335	88	39	17	7	8	16	16	36	36	1,158	.20		13.9

<sup>1</sup> Estimated population July 1, 1923, 5,927,623.

*Cases reported and deaths registered in New York City during the calendar year 1923, from certain communicable diseases, with indicated morbidity, mortality, and fatality rates—Continued.*

## MALARIA.

	January.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	Rate per 1,000 in- habitants.	Fatalities per 100 cases.	Cases reported for each death registered
Cases.....	3	4		6	6	6	9	7	2	5	1	3	52	0.01		17.3
Deaths.....	1	1						1				1	3	.00		

## MEASLES.

Cases.....	1,080	1,040	1,397	1,781	3,187	2,425	634	217	127	295	701	1,115	13,999	2.36		
Deaths.....	16	9	18	33	65	43	13	6	4	2	12	24	245	.04	1.8	

## MUMPS.

Cases.....	287	299	382	559	628	543	208	79	63	95	203	471	3,817	.64		954.2
Deaths.....				1	1	1						1	4	.00		

## PELLAGRA.

Deaths.....			2					1	3		1		7	.00		
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## PNEUMONIA (ALL FORMS).

Cases.....	1,805	3,942	2,683	1,388	1,123	644	428	374	458	656	1,066	1,385	15,932	2.69		
Deaths.....													18,231	1.39		1.9

## POLIOMYELITIS.

Cases.....	5	5	3	2	11	12	109	164	129	95	30	20	585	.10		
Deaths.....	1	4		2	2	2	6	15	9	4	5	4	54	.01	9.2	

## RABIES IN MAN.

Deaths.....					2					1			3			
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<sup>1</sup> Data not given by months.



## SCARLET FEVER.

Cases.....	1,105	1,165	1,327	1,104	1,172	636	203	93	114	183	387	748	8,237	1,39	1.39
Deaths.....	16	19	14	22	16	5	2	-----	2	3	3	5	107	.02	1.3

## SEPTIC SORE THROAT.

Deaths.....	5	5	4	6	6	2	3	2	4	2	3	4	46	.01	-----
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## SMALLPOX.

Cases.....	-----	-----	2	1	1	-----	10	-----	-----	1	1	1	17	.00	-----
Deaths.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----	-----

## TUBERCULOSIS (ALL FORMS).

Cases.....	930	1,003	1,209	1,036	1,249	1,024	965	1,015	771	949	882	697	11,730	1.98	-----
Deaths.....	491	540	583	549	543	469	463	416	373	409	383	454	5,673	.90	2.1

## TUBERCULOSIS (PULMONARY).

Cases.....	917	971	1,173	1,000	1,208	979	921	977	744	923	852	671	11,336	1.91	-----
Deaths.....	444	483	565	481	468	363	398	354	321	354	338	412	4,951	.84	2.3

## TYPHOID FEVER.

Cases.....	64	22	29	42	37	55	55	180	205	95	57	49	800	.15	-----
Deaths.....	11	4	10	6	9	9	11	18	26	14	8	14	140	.02	15.7

## TYPHUS FEVER.

Cases.....	1	-----	-----	-----	-----	1	-----	-----	2	3	1	-----	8	-----	-----
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## WHOOPIING COUGH.

Cases.....	394	418	502	518	467	429	362	346	288	233	243	284	4,494	.76	-----
Deaths.....	10	25	25	20	19	21	21	14	15	7	14	11	262	.03	22.2

*Cases reported and deaths registered in the Philippine Islands<sup>1</sup> during the calendar year 1923, from certain diseases, with indicated morbidity, mortality, and fatality rates.*

# ANTHRAX.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Rate per 1,000 inhabitants.	Fatalities per 100 cases.	Cases reported for each death registered.
Deaths.....	18	21	19	20	26	20	23	28	18	21	17	13	244	0.02		

# CEREBROSPINAL MENINGITIS.

Deaths.....	3	4	3	1	1	1	1	1	1	4	1	19	.00			
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# CHICKEN POX.

Cases.....	159	150	269	204	109	45	46	37	55	81	45	94	1,294	.12		
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# DIPHTHERIA.

Deaths.....	5	16	13	21	19	10	34	12	15	11	13	9	178	.02		
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# INFLUENZA.

Cases.....	517	723	552	415	532	9,008	2,043	1,709	1,785	1,508	1,298	824	12,824	1.16		
Deaths.....	211	194	205	181	208	2,289	445	498	411	427	338	338	3,745	.34		3.4

# MALARIA.

Cases.....	4,971	4,993	5,027	4,343	4,463	4,490	4,674	5,346	4,405	6,076	5,865	5,731	60,390	5.45		
Deaths.....	2,061	1,881	2,104	1,965	2,085	1,896	2,276	2,416	1,883	2,125	1,781	1,838	24,311	2.20		2.5

<sup>1</sup> Estimated population July 1, 1923, 11,075,674.



*Cases reported and deaths registered in the Philippine Islands during the calendar year 1923, from certain diseases, with indicated morbidity, mortality, and fatality rates—Continued.*

# TUBERCULOSIS (ALL FORMS)

	January.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	October.	Novem- ber.	Decem- ber.	Total.	Rate per 1,000 in- habitants	Fatalities per 100 cases.	Cases reported for each death registered
Cases.....	2,548	2,685	3,022	2,468	2,823	2,571	2,830	3,336	2,696	3,259	2,794	2,798	34,130	3.08		
Deaths.....	2,372	2,170	2,426	2,063	2,254	2,160	2,541	2,840	2,276	2,708	2,414	2,465	28,779	2.60		1.2

# TUBERCULOSIS (PULMONARY).

Cases.....	2,701	2,523	2,826	2,335	2,661	2,424	2,692	3,173	2,580	3,124	2,668	2,631	32,338	2.92		
Deaths.....	2,230	2,022	2,244	1,975	2,118	2,012	2,391	2,662	2,158	2,633	2,291	2,313	27,049	2.44		1.2

# TYPHOID FEVER.

Cases.....	312	320	339	276	267	225	273	285	269	256	216	228	3,266	.29		
Deaths.....	175	162	217	173	174	139	189	177	181	171	123	141	2,022	.18	61.9	

# WHOPPING COUGH.

Cases.....	167	215	214	234	254	197	245	173	333	516	218	159	2,925	.26		
Deaths.....	89	87	82	70	92	90	100	90	77	84	63	62	995	.09		2.9

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring*

## UNITED STATES.

### CURRENT WEEKLY STATE REPORTS.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

#### Reports for Week Ended November 15, 1924.

ALABAMA.		ARKANSAS—continued.	
	Cases.		Cases.
Cerebrospinal meningitis.....	1	Smallpox.....	30
Chicken pox.....	39	Trachoma.....	4
Dengue.....	1	Tuberculosis.....	9
Diphtheria.....	52	Typhoid fever.....	31
Dysentery.....	18	Whooping cough.....	
Influenza.....	122		
Malaria.....	63	CALIFORNIA.	
Measles.....	14	Cerebrospinal meningitis—Los Angeles.....	1
Mumps.....	7	Diphtheria.....	170
Pellagra.....	1	Influenza.....	13
Pneumonia.....	101	Measles.....	24
Scarlet fever.....	29	Plague—Los Angeles.....	2
Smallpox.....	33	Poliomyelitis:	
Tetanus.....	2	Alameda.....	1
Tuberculosis.....	22	La Mesa.....	1
Typhoid fever.....	18	Long Beach.....	1
Whooping cough.....	19	Los Angeles.....	1
		Los Angeles County.....	1
ARIZONA.		Oakland.....	2
Cerebrospinal meningitis.....	1	Santa Clara County.....	1
Chicken pox.....	6	Visalia.....	1
Diphtheria.....	12	Scarlet fever.....	101
Measles.....	2	Smallpox:	
Scarlet fever.....	11	Los Angeles.....	29
Typhoid fever.....	1	Los Angeles County.....	25
		Sacramento.....	10
ARKANSAS.		Scattering.....	35
Cerebrospinal meningitis.....	1	Typhoid fever.....	9
Chicken pox.....	11	Typhus fever—Los Angeles.....	2
Diphtheria.....	14		
Hookworm disease.....	1	COLORADO.	
Influenza.....	48	(Exclusive of Denver.)	
Malaria.....	52	Chicken pox.....	67
Measles.....	1	Diphtheria.....	17
Mumps.....	8	Measles.....	1
Ophthalmia neonatorum.....	1	Mumps.....	1
Pellagra.....	8	Paratyphoid fever.....	1
Scarlet fever.....	7		

## COLORADO—continued.

	Cases.
Pneumonia.....	1
Scarlet fever.....	21
Septic sore throat.....	1
Smallpox.....	7
Tuberculosis.....	54
Typhoid fever.....	2
Whooping cough.....	3

## CONNECTICUT.

Cerebrospinal meningitis.....	1
Chicken pox.....	67
Conjunctivitis (infectious).....	1
Diphtheria.....	56
German measles.....	4
Influenza.....	4
Measles.....	11
Mumps.....	15
Ophthalmia neonatorum.....	1
Paratyphoid fever.....	1
Pneumonia (lobar).....	33
Poliomyelitis.....	1
Scarlet fever.....	89
Septic sore throat.....	3
Tuberculosis (all forms).....	41
Typhoid fever.....	3
Whooping cough.....	87

## DELAWARE.

Diphtheria.....	1
Mumps.....	1
Pneumonia.....	2
Scarlet fever.....	4
Tuberculosis.....	2
Typhoid fever.....	2
Whooping cough.....	3

## FLORIDA.

Diphtheria.....	25
Influenza.....	1
Malaria.....	16
Pneumonia.....	3
Scarlet fever.....	5
Smallpox.....	1
Trachoma.....	1
Typhoid fever.....	12

## GEORGIA.

Chicken pox.....	22
Diphtheria.....	81
Hook worm disease.....	10
Influenza.....	5
Malaria.....	9
Measles.....	3
Mumps.....	21
Pneumonia.....	34
Scarlet fever.....	8
Septic sore throat.....	3
Smallpox.....	2
Tuberculosis.....	20
Typhoid fever.....	7
Whooping cough.....	10

## ILLINOIS.

Diphtheria:	
Cook County.....	93
Williamson County.....	8
Scattering.....	56
Influenza.....	10
Lethargic encephalitis—Cook County.....	2

## ILLINOIS—continued.

Measles.....	64
Pneumonia.....	183
Poliomyelitis:	
Cook County.....	4
Douglas County.....	2
Knox County.....	1
McHenry County.....	1
Scarlet fever:	
Cook County.....	130
Kane County.....	11
La Salle County.....	8
Scattering.....	118
Smallpox.....	14
Tuberculosis.....	257
Typhoid fever.....	27
Whooping cough.....	212

## INDIANA.

Cerebrospinal meningitis.....	2
Chicken pox.....	213
Diphtheria:	
Allen County.....	12
Clay County.....	8
Marion County.....	17
Scattering.....	59
Influenza.....	54
Measles.....	16
Mumps.....	4
Pneumonia.....	16
Poliomyelitis.....	5
Scarlet fever:	
Lake County.....	9
Marion County.....	11
St. Joseph County.....	9
Scattering.....	62
Smallpox.....	25
Tuberculosis.....	39
Typhoid fever.....	11
Whooping cough.....	14

## IOWA.

Diphtheria.....	14
Poliomyelitis.....	2
Scarlet fever.....	23
Smallpox.....	13

## KANSAS.

Cerebrospinal meningitis.....	2
Chicken pox.....	96
Diphtheria.....	78
Influenza.....	2
Measles.....	1
Mumps.....	99
Pneumonia.....	20
Scarlet fever.....	120
Tetanus.....	2
Tuberculosis.....	68
Typhoid fever.....	17
Whooping cough.....	45

## LOUISIANA.

Diphtheria.....	29
Influenza.....	19
Malaria.....	18
Pneumonia.....	22
Scarlet fever.....	7
Smallpox.....	6
Tuberculosis.....	34
Typhoid fever.....	35



## MAINE.

	Cases.
Chicken pox.....	64
Diphtheria.....	22
German measles.....	1
Influenza.....	2
Measles.....	3
Mumps.....	71
Pneumonia.....	7
Poliomyelitis.....	1
Scarlet fever.....	38
Septic sore throat.....	1
Tuberculosis.....	4
Typhoid fever.....	13
Vincent's angina.....	5
Whooping cough.....	1

MARYLAND.<sup>1</sup>

Cerebrospinal meningitis.....	1
Chicken pox.....	57
Diphtheria.....	67
Dysentery.....	6
German measles.....	1
Influenza.....	22
Lethargic encephalitis.....	1
Malaria.....	2
Measles.....	12
Mumps.....	4
Pneumonia (all forms).....	52
Scarlet fever.....	34
Tetanus.....	1
Tuberculosis.....	45
Typhoid fever.....	7
Whooping cough.....	79

## MASSACHUSETTS.

Anthrax.....	1
Cerebrospinal meningitis.....	2
Chicken pox.....	222
Conjunctivitis (suppurative).....	16
Diphtheria.....	158
Dysentery.....	1
German measles.....	8
Influenza.....	10
Lethargic encephalitis.....	1
Measles.....	80
Mumps.....	92
Ophthalmia neonatorum.....	35
Pellagra.....	1
Pneumonia (lobar).....	92
Poliomyelitis.....	7
Scarlet fever.....	241
Septic sore throat.....	1
Tetanus.....	1
Trachoma.....	2
Tuberculosis (all forms).....	100
Typhoid fever.....	9
Whooping cough.....	82

## MICHIGAN.

Diphtheria.....	143
Measles.....	119
Pneumonia.....	66
Scarlet fever.....	244
Smallpox.....	15
Tuberculosis.....	58
Typhoid fever.....	19
Whooping cough.....	74

## MINNESOTA.

	Cases.
Chicken pox.....	163
Diphtheria.....	97
Lethargic encephalitis.....	1
Measles.....	9
Poliomyelitis.....	9
Scarlet fever.....	154
Smallpox.....	118
Tuberculosis.....	29
Typhoid fever.....	4
Whooping cough.....	32

## MISSISSIPPI.

Cerebrospinal meningitis.....	1
Diphtheria.....	29
Scarlet fever.....	11
Smallpox.....	37
Typhoid fever.....	7

## MISSOURI.

## (Exclusive of Springfield.)

Cerebrospinal meningitis.....	1
Chicken pox.....	42
Diphtheria.....	81
Influenza.....	8
Measles.....	7
Mumps.....	13
Pneumonia.....	18
Scarlet fever.....	192
Septic sore throat.....	1
Smallpox.....	11
Trachoma.....	5
Tuberculosis.....	35
Typhoid fever.....	7
Whooping cough.....	16

## MONTANA.

Diphtheria.....	10
Poliomyelitis—Helena.....	3
Scarlet fever.....	36
Smallpox.....	20
Typhoid fever.....	4

## NEBRASKA.

Chicken pox.....	24
Diphtheria.....	18
German measles.....	1
Influenza.....	1
Mumps.....	2
Pneumonia.....	1
Scarlet fever.....	21
Smallpox.....	7
Tuberculosis.....	1
Whooping cough.....	8

## NEW JERSEY.

Cerebrospinal meningitis.....	3
Chicken pox.....	175
Diphtheria.....	71
Influenza.....	16
Malaria.....	1
Measles.....	36
Pneumonia.....	129
Poliomyelitis.....	3
Scarlet fever.....	117
Smallpox.....	2
Trachoma.....	1
Typhoid fever.....	20
Whooping cough.....	174

<sup>1</sup> Week ended Friday.

NEW MEXICO.		SOUTH DAKOTA—continued.	
	Cases.		Cases.
Chicken pox.....	21	Poliomyelitis.....	2
Diphtheria.....	9	Scarlet fever.....	46
Dysentery.....	1	Smallpox.....	4
Measles.....	47	Typhoid fever.....	2
Pneumonia.....	8	Whooping cough.....	4
Scarlet fever.....	6		
Septic sore throat.....	1		
Tuberculosis.....	37		
Typhoid fever.....	23		
Whooping cough.....	4		
NEW YORK.		TEXAS.	
(Exclusive of New York City.)			
Diphtheria.....	183	Anthrax.....	2
Influenza.....	16	Cerebrospinal meningitis.....	1
Lethargic encephalitis.....	3	Chicken pox.....	10
Measles.....	123	Dengue.....	13
Pneumonia.....	186	Diphtheria.....	31
Poliomyelitis.....	8	Dysentery (epidemic).....	34
Scarlet fever.....	243	Influenza.....	71
Smallpox.....	57	Measles.....	7
Typhoid fever.....	35	Mumps.....	9
Whooping cough.....	172	Ophthalmia neonatorum.....	1
NORTH CAROLINA.		Paratyphoid fever.....	2
Chicken pox.....	152	Pellagra.....	1
Diphtheria.....	132	Pneumonia.....	14
Measles.....	53	Poliomyelitis.....	1
Scarlet fever.....	68	Rabies (human).....	2
Septic sore throat.....	9	Scarlet fever.....	33
Smallpox.....	23	Smallpox.....	7
Typhoid fever.....	17	Tetanus.....	1
Whooping cough.....	99	Trachoma.....	4
OKLAHOMA.		Tuberculosis.....	36
(Exclusive of Oklahoma City and Tulsa.)		Typhoid fever.....	24
Diphtheria.....	15	Typhus fever.....	3
Smallpox.....	4	Whooping cough.....	7
Typhoid fever.....	15		
OREGON.		VERMONT.	
Chicken pox.....	35	Chicken pox.....	34
Diphtheria:		Diphtheria.....	4
Portland.....	20	Measles.....	81
Scattering.....	16	Mumps.....	17
Influenza.....	1	Scarlet fever.....	23
Lethargic encephalitis.....	2	Typhoid fever.....	1
Mumps.....	1	Whooping cough.....	77
Pneumonia.....	14		
Poliomyelitis.....	2		
Scarlet fever:			
Portland.....	8		
Corvallis.....	9		
Scattering.....	16		
Smallpox.....	3		
Tuberculosis.....	17		
SOUTH DAKOTA.		WASHINGTON.	
Cerebrospinal meningitis.....	1	Chicken pox.....	86
Chicken pox.....	15	Diphtheria.....	25
Diphtheria.....	20	Measles.....	15
Measles.....	2	Mumps.....	15
Mumps.....	2	Poliomyelitis:	
		Adams County.....	1
		Franklin County.....	1
		King County.....	1
		Pierce County.....	1
		Spokane County.....	1
		Okanogan.....	2
		Seattle.....	2
		Scarlet fever.....	23
		Smallpox.....	22
		Tuberculosis.....	5
		Typhoid fever.....	14
		Whooping cough.....	5
SOUTH DAKOTA.		WEST VIRGINIA.	
Cerebrospinal meningitis.....	1	Diphtheria.....	23
Chicken pox.....	15	Scarlet fever.....	22
Diphtheria.....	20	Typhoid fever.....	1
Measles.....	2		
Mumps.....	2		

<sup>1</sup> Deaths.

WISCONSIN.		WISCONSIN—continued.	
	Cases.		Cases.
Milwaukee:		Scattering—Continued.	
Chicken pox.....	72	Measles.....	22
Diphtheria.....	16	Mumps.....	61
German measles.....	43	Pneumonia.....	15
Measles.....	31	Polio-myelitis.....	3
Mumps.....	17	Scarlet fever.....	102
Pneumonia.....	3	Smallpox.....	13
Scarlet fever.....	7	Tuberculosis.....	14
Tuberculosis.....	11	Typhoid fever.....	2
Typhoid fever.....	1	Whooping cough.....	105
Whooping cough.....	20		
Scattering:		WYOMING.	
Cerebrospinal meningitis.....	1	Chicken pox.....	16
Chicken pox.....	265	Diphtheria.....	1
Diphtheria.....	35	Measles.....	2
German measles.....	1	Pneumonia.....	2
Influenza.....	11	Scarlet fever.....	11
		Smallpox.....	5

### Reports for Week Ended November 8, 1924.

NEBRASKA.		NORTH DAKOTA—continued.	
	Cases.		Cases.
Chicken pox.....	27	Influenza.....	1
Diphtheria.....	31	Measles.....	23
Measles.....	2	Pneumonia.....	2
Scarlet fever.....	19	Polio-myelitis.....	8
Smallpox.....	9	Scarlet fever.....	43
Typhoid fever.....	2	Smallpox.....	7
Whooping cough.....	1	Tuberculosis.....	4
NORTH DAKOTA.		Typhoid fever.....	2
Chicken pox.....	41	Whooping cough.....	5
Diphtheria.....	6		

### SUMMARY OF MONTHLY REPORTS FROM STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week.

State.	Cerebro-spinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polio-myelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>October, 1924</i>										
Arkansas.....	1	62	126	469	80	23	0	56	50	123
District of Columbia.....	0	38	1		5	0	5	58	1	16
Georgia.....		280	22	74	3	1		34	8	67
North Dakota.....		25	1		91		29	116	17	12
Oklahoma.....	1	127	28	34	10	9	2	74	16	191
Vermont.....		22			45			21		6
New Jersey.....	4	361	21	3	102		16	361	3	80

**GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES.**

*Diphtheria.*—For the week ended November 1, 1924, 35 States reported 2,189 cases of diphtheria. For the week ended November 3, 1923, the same States reported 3,386 cases of this disease. One hundred and one cities, situated in all parts of the country, and having an aggregate population of more than 28,600,000, reported 947 cases of diphtheria for the week ended November 1, 1924. Last year, for the corresponding week, they reported 1,377 cases. The estimated expectancy for these cities was 1,484 cases of diphtheria. The estimated expectancy is based on the experience of the last nine years, excluding epidemics.

*Measles.*—Thirty-one States reported 670 cases of measles for the week ended November 1, 1924, and 3,735 cases of this disease for the week ended November 3, 1923. One hundred and one cities reported 238 cases of measles for the week this year and 683 cases last year.

*Scarlet fever.*—Scarlet fever was reported for the week as follows: Thirty-five States—this year, 2,424 cases; last year, 2,642 cases. One hundred and one cities—this year, 1,015 cases; last year, 1,014 cases; estimated expectancy, 768 cases.

*Smallpox.*—For the week ended November 1, 1924, 35 States reported 477 cases of smallpox. Last year, for the corresponding week, they reported 333 cases. One hundred and one cities reported smallpox for the week as follows: 1924, 134 cases; 1923, 80 cases; estimated expectancy, 44 cases. These cities reported 13 deaths from smallpox for the week this year, 12 of which occurred at Minneapolis.

*Typhoid fever.*—Four hundred and seventy-one cases of typhoid fever were reported for the week ended November 1, 1924, by 34 States. For the corresponding week of 1923 the same States reported 474 cases. One hundred and one cities reported 102 cases of typhoid fever for the week this year and 107 cases for the week last year. The estimated expectancy for these cities was 117 cases.

*Influenza and pneumonia.*—Deaths from influenza and pneumonia (combined) were reported for the week by 101 cities as follows: 1924, 626 deaths; 1923, 561 deaths.

*City reports for week ended November 1, 1924.*

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics, or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during nonepidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.		
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.	
NEW ENGLAND.											
Maine:											
Lewiston.....	2	2	2	0	0	0	0	2	1	1	
Portland.....	12	2	5	0	0	0	11	0	1	0	
New Hampshire:											
Concord.....	0	0	0	0	0	0	0	2	1	0	
Vermont:											
Barre.....	0	0	0	0	0	0	3	0	0	1	
Massachusetts:											
Boston.....	16	64	43	1	1	27	3	17	29	40	
Fall River.....	1	4	1	0	0	0	1	2	1	3	
Springfield.....	17	6	4	0	0	1	5	3	6	20	
Worcester.....	7	8	6	0	0	1	1	2	8	8	
Rhode Island:											
Pawtucket.....	0	2	5	0	0	0	0	2	1	0	
Providence.....	0	12	6	0	0	1	0	7	5	4	
Connecticut:											
Bridgeport.....	0	10	9	0	0	0	0	0	5	9	
Hartford.....	4	9	9	0	0	0	0	3	4	4	
New Haven.....	3	5	0	0	0	2	2	4	4	7	
MIDDLE ATLANTIC.											
New York:											
Buffalo.....	25	28	6	2	0	10	3	7	15	15	
New York.....	0	165	117	24	17	27	7	173	76	116	
Rochester.....	8	15	0	0	0	2	24	6	5	10	
Syracuse.....	5	16	4	0	0	2	1	2	10	3	
New Jersey:											
Camden.....	2	7	9	0	0	0	0	5	1	4	
Newark.....	31	21	10	5	1	8	9	8	10	18	
Trenton.....	3	7	3	1	0	0	0	1	1	0	
Pennsylvania:											
Philadelphia.....	51	73	60	-----	3	24	16	34	40	74	
Pittsburgh.....	97	42	24	-----	0	38	34	34	24	58	
Reading.....	5	5	2	0	0	1	3	0	1	0	
Scranton.....	2	6	3	0	0	0	0	10	2	1	
E. NORTH CENTRAL.											
Ohio:											
Cincinnati.....	16	27	13	0	0	0	2	9	13	11	
Cleveland.....	63	53	34	2	1	4	4	11	24	27	
Columbus.....	8	13	3	0	1	0	0	8	8	5	
Toledo.....	20	18	17	0	0	5	0	0	12	9	
Indiana:											
Fort Wayne.....	2	3	4	0	0	0	0	4	1	4	
Indianapolis.....	27	28	11	0	0	2	1	7	10	5	
South Bend.....	3	3	2	0	0	1	0	2	2	4	
Terre Haute.....	-----	5	4	0	0	0	-----	2	2	3	
Illinois:											
Chicago.....	93	186	64	7	3	27	14	35	109	100	
Cicero.....	1	5	2	0	0	0	1	0	3	1	
Peoria.....	1	6	1	0	0	0	0	1	9	3	
Springfield.....	1	2	6	0	0	0	-----	0	3	0	
Michigan:											
Detroit.....	40	86	36	0	0	5	0	13	58	56	
Flint.....	13	14	2	0	0	0	0	0	9	11	
Grand Rapids.....	3	10	5	0	0	3	1	1	9	16	
Saginaw.....	4	2	0	0	0	0	1	1	1	4	

## City reports for week ended November 1, 1924—Continued.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.	
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.
E. NORTH CENTRAL—contd.										
Wisconsin:										
Madison.....	14	2	2	0	0	1	12	2	1	1
Milwaukee.....	40	30	21	0	0	27	18	0	26	9
Racine.....	1	4	2	0	0	0	0	0	6	3
Superior.....	0	1	0	0	0	0	0	1	2	0
W. NORTH CENTRAL.										
Minnesota:										
Duluth.....	8	7	3	0	0	1	0	2	3	22
Minneapolis.....	63	26	29	0	0	1	0	4	21	38
St. Paul.....		21	25	0	0	2		7	8	5
Iowa:										
Davenport.....	4	2	3	0		0	0		1	0
Des Moines.....	1	9	3	0		0	0		13	7
Sioux City.....	0	3	2	0		1	2		3	1
Waterloo.....	1	1	0	0		0	0		4	0
Missouri:										
Kansas City.....	7	18	9	1	0	0	3	5	9	25
St. Joseph.....	0	5	0	0	0	1	0	1	4	3
St. Louis.....	7	85	41	0	0	1	1		26	105
North Dakota:										
Fargo.....	8	0	0	0	0	0	0	0	2	0
Grand Forks.....	2	1	2	0		0	0		3	2
South Dakota:										
Aberdeen.....	4		0	0		0	2			0
Sioux Falls.....	1	1	1	0	0	0	0	0	1	0
Nebraska:										
Lincoln.....	4	3	19	0	0	0	0	0	2	1
Omaha.....	4	11	8	0	0	0	0	6	3	3
Kansas:										
Topeka.....	8	4	1	0	0	0	9	1	2	10
Wichita.....	5	8	6	0	0	0	2	2	4	2
SOUTH ATLANTIC.										
Delaware:										
Wilmington.....		2	5	0	0	0		2	3	3
Maryland:										
Baltimore.....	34	34	26	10	2	3	15	26	15	8
Cumberland.....		1	1	2	0	0		0	1	2
Frederick.....		1	0	0	0	0		0	0	0
District of Col.:										
Washington.....	5	23	5	0	0	0		18	14	13
Virginia:										
Lynchburg.....	1	2	11	0	0	1	13	2	1	1
Norfolk.....	8	5	2	0	0	0	6	4	1	1
Richmond.....	0	14	43	0	0	0	0	1	8	9
Roanoke.....	3	4	3	0	0	0	0	0	2	4
West Virginia:										
Charleston.....	17	6	5	0	0	0	0	2	2	0
Wheeling.....		3	0	0	1	0		0	2	3
North Carolina:										
Raleigh.....	2	4	8	0	0	1	0	1	2	2
Wilmington.....	0	2	1	0	0	0	9	1	0	1
Winston-Salem.....	0	3	10	0	0	0	0	4	3	0
South Carolina:										
Charleston.....	0	3	1	0	0	0	0	2	1	1
Columbia.....	4	3	1	0	0	0	1	1	1	0
Greenville.....	0	2	6	0	0	0	0	0	1	1
Georgia:										
Atlanta.....	1	11	2	1	0	0	0	17	7	6
Brunswick.....	0	0	0	0	0	0	0	0	0	0
Savannah.....	0	5	1	0	0	0	1	5	1	0
Florida:										
St. Petersburg.....	0	0	0	0	0	0	0	0	0	0
Tampa.....		3	0	0	0	1		1	0	2



## City reports for week ended November 1, 1924—Continued.

Division, State, and city.	Chick- en pox, cases re- ported.	Diphtheria.		Influenza.		Meas- les, cases re- ported.	Mumps, cases re- ported.	Pneu- monia, deaths re- ported.	Scarlet fever.		
		Cases, esti- mated expect- ancy.	Cases re- ported.	Cases re- ported.	Deaths re- ported.				Cases, esti- mated expect- ancy.	Cases re- ported.	
EAST SOUTH CENTRAL.											
Kentucky:											
Covington.....	0	4	1	0	0	0	0	1	2	0	0
Lexington.....	1	4	2	0	0	0	0	0	1	1	1
Louisville.....	1	15	3	0	0	0	0	4	4	6	6
Tennessee:											
Memphis.....	1	12	11	0	1	0	2	0	5	1	3
Nashville.....	0	8	2	0	0	0	0	1	4	3	3
Alabama:											
Birmingham.....	4	7	5	3	0	0	0	5	5	13	13
Mobile.....	0	2	1	0	0	0	0	1	1	1	1
Montgomery.....	0	3	4	0	0	0	0	0	1	0	0
WEST SOUTH CENTRAL.											
Arkansas:											
Fort Smith.....	0	2	2	0		0	1		1	1	1
Little Rock.....	0	3	2	0	0	0	0	2	2	0	0
Louisiana:											
New Orleans.....	0	13	10	3	3	0	0	5	4	3	1
Shreveport.....	0		1	0	0	0	0	0		1	1
Oklahoma:											
Oklahoma.....	0	6	3		2	0	0	1	3	3	3
Tulsa.....	0	5	5	0		1	0		3	2	2
Texas:											
Dallas.....	7	15	19	1	0	0	0	4	3	5	5
Galveston.....	0	1	0	0	0	0	0	0	1	0	0
Houston.....	1	5	0	0	0	0	0	5	1	3	3
San Antonio.....		4	0	0	0	0		5	0	2	2
MOUNTAIN.											
Montana:											
Billings.....	7	0	0	0	0	0	0	0	1	3	3
Great Falls.....	0	2	1	0	0	0	0	0	1	3	3
Helena.....		0	0	0	0	0	0	0	0	0	0
Missoula.....	1	0	5	0	0	0	0	0	1	0	0
Idaho:											
Boise.....	7	0	0	0	0	0	0	0	1	1	1
Colorado:											
Denver.....	29	16	11	0	0	2	12	4	7	7	7
Pueblo.....	11	5	7	0	0	0	1	0	2	1	1
New Mexico:											
Albuquerque.....		1	0	0	0	0		0	0	1	1
Utah:											
Salt Lake City.....	24	3	4	0	0	1	4	1	4	2	2
Nevada:											
Reno.....	0	0	0	0	0	0	0	1	0	2	2
PACIFIC.											
Washington:											
Seattle.....	42	6	7	0		2	14		7	10	10
Spokane.....	15	5	12	0		3	0		7	1	1
Tacoma.....	0	3	1	0		0	3		1	0	0
Oregon:											
Portland.....	15	7	13	0	0	0	0	5	8	10	10
California:											
Los Angeles.....	25	40	37	8	0	6	5	16	11	16	16
Sacramento.....	3	2	2	0	0	0	0	0	2	4	4
San Francisco.....	19	20	19	1	1	0	13	7	7	9	9

## City reports for week ended November 1, 1924—Continued.

Division, State, and city.	Popula- tion, July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths re- ported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
NEW ENGLAND.										
Maine:										
Lewiston.....	33,790	0	0	0	1	0	0	0	0	14
Portland.....	73,129	0	0	0	0	1	1	0	0	21
New Hampshire:										
Concord.....	22,408	0	0	0	0	0	0	0	0	8
Vermont:										
Barre.....	10,008	0	0	0	0	0	0	0	0	2
Massachusetts:										
Boston.....	770,400	0	0	0	11	3	1	0	13	171
Fall River.....	120,912	0	0	0	2	1	1	0	0	32
Springfield.....	144,227	0	0	0	0	0	0	0	5	33
Worcester.....	191,927	0	0	0	2	0	0	0	0	42
Rhode Island:										
Pawtucket.....	68,799	0	0	0	0	0	0	0	0	16
Providence.....	242,378	0	0	0	2	0	2	0	0	68
Connecticut:										
Bridgeport.....	143,555	0	0	0	0	0	0	0	0	27
Hartford.....	138,036	0	0	0	1	0	0	0	7	38
New Haven.....	172,967	0	0	0	1	1	0	0	20	36
MIDDLE ATLANTIC.										
New York:										
Buffalo.....	536,718	0	1	0	6	1	0	0	24	102
New York.....	5,927,625	0	0	0	113	23	20	1	130	1,341
Rochester.....	317,867	0	0	0	8	1	0	0	1	62
Syracuse.....	184,511	0	0	0	0	1	0	0	2	42
New Jersey:										
Camden.....	124,157	0	0	0	0	1	2	1	1	18
Newark.....	438,699	0	0	0	0	3	0	0	38	102
Trenton.....	127,390	0	0	0	3	1	1	0	4	36
Pennsylvania:										
Philadelphia.....	1,922,788	1	0	0	32	8	11	3	76	460
Pittsburgh.....	613,442	0	1	0	11	2	1	1	4	204
Reading.....	110,917	0	0	0	0	1	0	0	6	26
Scranton.....	140,636	0	0	0	2	0	1	0	10	---
EAST NORTH CENTRAL.										
Ohio:										
Cincinnati.....	406,312	0	0	0	9	1	0	0	0	134
Cleveland.....	888,519	1	0	0	16	3	0	0	21	133
Columbus.....	261,082	0	0	0	3	1	1	0	0	74
Toledo.....	268,338	1	0	0	7	2	1	0	11	44
Indiana:										
Fort Wayne.....	93,573	0	0	0	0	0	1	0	2	18
Indianapolis.....	342,718	1	5	0	7	0	0	0	4	83
South Bend.....	76,709	0	0	0	2	1	1	1	1	20
Terre Haute.....	68,939	0	1	0	0	0	0	0	---	18
Illinois:										
Chicago.....	2,886,121	1	0	0	32	8	6	2	109	564
Cicero.....	55,068	0	0	0	0	0	0	0	0	2
Peoria.....	79,675	0	0	0	1	0	0	0	1	18
Springfield.....	61,833	1	0	0	0	1	0	0	---	13
Michigan:										
Detroit.....	995,668	2	0	1	24	5	2	0	43	221
Flint.....	117,968	0	3	0	0	0	0	0	0	14
Grand Rapids.....	145,947	0	0	0	2	0	0	0	0	20
Saginaw.....	69,754	1	0	0	0	1	0	0	4	17
Wisconsin:										
Madison.....	42,519	1	0	0	0	0	0	0	4	6
Milwaukee.....	484,595	3	6	0	3	1	0	0	18	96
Racine.....	64,393	1	1	0	0	0	0	0	3	9
Superior.....	139,671	1	0	0	1	0	0	0	0	8

1 Population, Jan. 1, 1920.

2 Pulmonary only.

## City reports for week ended November 1, 1924—Continued.

Division, State, and city.	Population, July 1, 1923, estimated.	Smallpox.			Tuberculosis, deaths re- ported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
WEST NORTH CENTRAL.										
Minnesota:										
Duluth.....	106,280	1	0	0	0	0	0	0	5	18
Minneapolis.....	409,125	2	50	12	3	1	0	0	4	86
St. Paul.....	241,891	6	14	0	3	1	0	0		50
Iowa:										
Davenport.....	61,262	0	3			0	0		0	
Des Moines.....	140,923	1	1			0	0		0	
Sioux City.....	79,662	1	0			0	0		0	
Waterloo.....	39,667	1	0			1	0		0	
Missouri:										
Kansas City.....	351,819	1	0	0	8	1	1	0	2	85
St. Joseph.....	78,232	0	0	0	1	0	0	0	0	24
St. Louis.....	803,853	1	3	0	13	3	6	0	2	217
North Dakota:										
Fargo.....	24,841	0	0	0	0	0	1	0	4	6
Grand Forks.....	14,547	1	0			0	0		0	
South Dakota:										
Aberdeen.....	15,829		1				1		1	
Sioux Falls.....	29,206	0	0	0	0	0	0	0	0	8
Nebraska:										
Lincoln.....	58,761	0	0	0	0	0	0	0	0	16
Omaha.....	204,382	1	3	0	4	0	1	0	2	45
Kansas:										
Topeka.....	52,555	0	0	0	0	0	0	0	3	10
Wichita.....	79,261	0	0	0	0	0	0	0	4	18
SOUTH ATLANTIC.										
Delaware:										
Wilmington.....	117,728	0	0	0	3	2	0	0		32
Maryland:										
Baltimore.....	773,580	0	0	0	16	6	2	0	64	203
Cumberland.....	32,361	0	0	0	0	1	1	0		8
Frederick.....	11,301	0	0	0	0	0	0	0	0	0
District of Columbia:										
Washington.....	1,437,571	0	0	0	17	2	5	1	3	131
Virginia:										
Lynchburg.....	30,277	0	0	0	0	0	0	0	0	8
Norfolk.....	159,089	1	0	0	3	1	0	0	0	
Richmond.....	181,044	0	0	0	2	1	0	1	0	45
Roanoke.....	55,502	0	0	0	0	0	0	0	0	12
West Virginia:										
Charleston.....	45,597	0	1	0	0	0	1	0	0	19
Wheeling.....	156,208	0	0	0	0	0	1	0		21
North Carolina:										
Raleigh.....	29,171	0	0	0	0	0	0	0	8	17
Wilmington.....	35,719	0	0	0	0	1	0	0	6	7
Winston-Salem.....	56,230	0	0	0	1	0	0	0	3	19
South Carolina:										
Charleston.....	71,245	0	0	0	0	1	0	0	0	14
Columbia.....	39,688	0	0	0	1	1	0	0	0	28
Greenville.....	25,789	0	0	0	0	0	0	0	0	5
Georgia:										
Atlanta.....	222,963	1	0	0	10	1	0	0	0	81
Brunswick.....	15,937	0	0	0	0	0	0	0	0	1
Savannah.....	89,448	0	0	0	1	1	0	0	0	33
Florida:										
St. Peterburg.....	24,403	0	0	0	0	0	3	0	0	4
Tampa.....	56,050	0	0	0	1	0	0	0		21
EAST SOUTH CENTRAL.										
Kentucky:										
Covington.....	57,877	0	0	0	2	0	0	0	0	12
Lexington.....	43,673	0	0	0	0	0	0	0	0	15
Louisville.....	257,671	0	0	0	4	2	0	0	0	57
Tennessee:										
Memphis.....	170,067	0	0	0	8	1	1	0	0	
Nashville.....	121,128	0	0	0	2	2	6	1	3	37

¹ Population Jan. 1, 1920.

## City reports for week ended November 1, 1924—Continued.

Division, State, and city.	Popula- tion, July 1, 1923, estimated.	Smallpox.			Tubercu- losis, deaths re- ported.	Typhoid fever.			Whooping cough, cases reported.	Deaths, all causes.
		Cases, estimated expectancy.	Cases reported.	Deaths reported.		Cases, estimated expectancy.	Cases reported.	Deaths reported.		
EAST SOUTH CENTRAL—Contd.										
Alabama:										
Birmingham.....	195,901	0	9	0	3	1	3	0	1	53
Mobile.....	63,858	0	0	0	1	1	0	1	0	
Montgomery.....	45,383	0	0	0	0	0	2	0	0	11
WEST SOUTH CENTRAL.										
Arkansas:										
Fort Smith.....	30,635	0	0			1	0		0	
Little Rock.....	70,916	1	0	0	8	1	1	0	0	
Louisiana:										
New Orleans.....	404,575	1	0	0	18	3	2	0	0	131
Shreveport.....	54,590		0	0	1		0	0	0	10
Oklahoma:										
Oklahoma.....	101,150	1	0	0	0	1	1	0	0	20
Tulsa.....	102,018	0	0			1	3		0	
Texas:										
Dallas.....	177,274	0	0	0	3	2	0	0	3	54
Galveston.....	46,877	0	0	0	1	1	3	0	0	13
Houston.....	154,970	0	2	0	5	0	0	0	0	53
San Antonio.....	184,727	0	0	0	7	0	0	0		
MOUNTAIN.										
Montana:										
Billings.....	16,927	0	0	0	0	0	0	0	0	3
Great Falls.....	27,787	0	0	0	0	0	0	0	0	6
Helena.....	12,037	0	0	0	0	0	0	0	0	2
Missoula.....	12,668	0	0	0	1	0	0	0	0	2
Idaho:										
Boise.....	22,806	1	0	0	0	0	0	0	0	6
Colorado:										
Denver.....	272,031	4	0	0	7	1	1	0	3	60
Pueblo.....	43,519	0	0	0	0	1	0	0	0	7
New Mexico:										
Albuquerque.....	16,648	0	0	0	1	1	2	0		2
Utah:										
Salt Lake City.....	126,241	2	0	0	3	1	4	2	0	39
Nevada:										
Reno.....	12,429	0	0	0	0	0	0	0	0	2
PACIFIC.										
Washington:										
Seattle.....	315,695	1	2			1	2		1	
Spokane.....	104,573	5	0			1	4		0	
Tacoma.....	101,731	1	0			0	0		0	
Oregon:										
Portland.....	273,621	4	2	0	4	1	2	1	0	57
California:										
Los Angeles.....	666,853	1	22	0	25	3	3	2	22	213
Sacramento.....	69,950	1	10	0	2	1	0	0	0	23
San Francisco.....	539,038	1	0	0	11	2	1	0	2	142

<sup>1</sup> Population Jan. 1, 1920.

## City reports for week ended November 1, 1924—Continued.

Division, State and city.	Cerebro-spinal meningitis.		Lethargic encephalitis.		Pellagra.		Poliomyelitis (infantile paralysis).		
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases, est. expectancy.	Cases.	Deaths.
NEW ENGLAND.									
Massachusetts:									
Boston.....	1	0	1	1	1	1	2	3	0
Worcester.....	0	0	0	0	0	0	0	2	0
Connecticut:									
Hartford.....	0	0	1	0	0	0	0	0	0
MIDDLE ATLANTIC.									
New York:									
Buffalo.....	0	0	0	0	0	0	0	1	0
New York.....	0	0	8	8	0	0	9	23	7
New Jersey:									
Newark.....	0	0	3	0	0	0	0	0	0
Pennsylvania:									
Philadelphia.....	0	0	1	1	0	0	0	0	0
EAST NORTH CENTRAL.									
Ohio:									
Cincinnati.....	1	0	0	0	0	0	0	0	0
Cleveland.....	0	0	0	0	0	0	1	1	0
Illinois:									
Chicago.....	2	0	0	0	0	0	3	2	0
Michigan:									
Detroit.....	1	1	0	0	0	0	0	17	5
Wisconsin:									
Madison.....	0	0	0	0	0	0	0	1	0
WEST NORTH CENTRAL.									
Minnesota:									
St. Paul.....	0	0	0	0	0	0	0	2	0
Missouri:									
St. Louis.....	0	0	0	0	0	0	0	1	0
North Dakota:									
Grand Forks.....	0	0	0	0	0	0	0	1	0
SOUTH ATLANTIC.									
Maryland:									
Baltimore.....	0	0	1	0	0	0	1	1	0
Florida:									
Tampa.....	0	1	0	0	0	0	0	0	0
EAST SOUTH CENTRAL.									
Kentucky:									
Lexington.....	1	0	0	0	0	0	0	0	0
Tennessee:									
Memphis.....	0	0	0	0	0	1	0	0	0
Alabama:									
Birmingham.....	0	0	0	0	1	1	0	0	0
WEST SOUTH CENTRAL.									
Louisiana:									
New Orleans.....	0	0	0	0	1	1	0	0	0
PACIFIC.									
Washington:									
Seattle.....	0	—	0	—	0	—	1	4	—
Spokane.....	0	—	0	—	0	—	0	3	—
Tacoma.....	0	—	0	—	0	—	0	5	—
Oregon:									
Portland.....	0	0	0	0	0	0	0	4	1
California:									
Los Angeles.....	5	0	1	1	0	0	0	2	0
San Francisco.....	0	0	1	1	0	0	0	3	0

The following table gives a summary of the reports from 105 cities for the 10-week period ended November 1, 1924. The cities included in this table are those whose reports have been published for all 10 weeks in the Public Health Reports. Eight of these cities did not report deaths. The aggregate population of the cities reporting cases was estimated at nearly 29,000,000 on July 1, 1923, which is the latest date for which estimates are available. The cities reporting deaths had more than 28,000,000 population on that date. The number of cities included in each group and the aggregate population are shown in a separate table below.

*Summary of weekly reports from cities, August 24 to November 1, 1924.*

DIPHTHERIA CASES.

	1924, week ended—									
	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.
Total.....	480	455	521	643	770	757	883	936	988	965
New England.....	35	49	<sup>1</sup> 35	56	55	56	77	82	89	88
Middle Atlantic.....	167	139	139	177	255	198	209	259	228	235
East North Central.....	<sup>2</sup> 69	85	88	<sup>3</sup> 125	151	134	174	176	176	211
West North Central.....	50	47	91	90	92	116	126	136	149	127
South Atlantic.....	<sup>4</sup> 68	70	<sup>5</sup> 73	94	89	97	142	121	172	131
East South Central.....	8	7	7	13	22	20	28	42	41	27
West South Central.....	11	10	18	13	24	23	26	28	36	40
Mountain.....	16	19	12	15	18	24	14	18	23	28
Pacific.....	56	29	58	60	73	89	87	74	74	78

MEASLES CASES.

	121	109	102	94	104	134	130	193	197	241
Total.....	26	11	<sup>1</sup> 14	9	15	15	21	25	28	32
New England.....	41	56	40	36	38	65	56	97	92	112
Middle Atlantic.....	<sup>2</sup> 25	18	25	<sup>3</sup> 28	29	29	22	42	55	70
East North Central.....	9	3	4	2	7	9	5	7	3	7
West North Central.....	<sup>4</sup> 11	11	<sup>5</sup> 11	8	3	2	10	4	2	6
South Atlantic.....	1	1	1	0	2	1	2	1	0	0
East South Central.....	0	1	0	1	1	2	2	2	1	0
West South Central.....	4	2	4	0	3	2	0	5	2	3
Mountain.....	4	6	3	10	6	9	12	10	14	11
Pacific.....										

SCARLET FEVER CASES.

	307	253	359	455	586	570	774	795	938	1,021
Total.....	29	35	<sup>1</sup> 33	38	46	55	89	99	121	96
New England.....	69	50	48	97	128	129	154	168	213	298
Middle Atlantic.....	<sup>2</sup> 74	68	97	<sup>3</sup> 99	123	128	178	178	214	256
East North Central.....	58	48	104	142	172	148	218	227	253	216
West North Central.....	<sup>4</sup> 26	22	<sup>5</sup> 24	32	36	29	46	48	57	57
South Atlantic.....	9	2	6	14	17	13	21	11	14	24
East South Central.....	5	5	10	10	8	13	17	16	17	15
West South Central.....	17	3	10	9	16	18	15	19	13	19
Mountain.....	20	20	27	14	40	37	36	31	36	40
Pacific.....										

SMALLPOX CASES.

	88	66	64	86	84	86	72	99	134	134
Total.....	0	0	<sup>1</sup> 0	0	0	0	0	0	0	0
New England.....	11	4	2	3	6	8	3	0	5	2
Middle Atlantic.....	<sup>2</sup> 12	9	16	<sup>3</sup> 14	27	23	21	30	19	16
East North Central.....	25	9	11	23	19	15	21	27	64	70
West North Central.....	<sup>4</sup> 2	5	<sup>5</sup> 2	1	3	6	2	0	3	1
South Atlantic.....	13	16	3	8	5	6	2	15	11	9
East South Central.....	1	1	4	3	1	0	0	3	2	2
West South Central.....	2	0	0	2	1	1	0	2	3	0
Mountain.....	22	22	26	32	22	27	23	22	27	34
Pacific.....										

<sup>1</sup> Figures for Barre, Vt., estimated. Report not received at time of going to press.

<sup>2</sup> Figures for Cleveland, Ohio, estimated.

<sup>3</sup> Figures for Superior, Wis., estimated.

<sup>4</sup> Figures for Raleigh, N. C., estimated.

<sup>5</sup> Figures for Wilmington, Del., and Tampa, Fla., estimated.



## Summary of weekly reports from cities, August 24 to November 1, 1924—Continued.

## TYPHOID FEVER CASES.

	1924, week ended—									
	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 5.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.
Total.....	220	199	229	195	281	217	214	159	136	106
New England.....	12	6	<sup>1</sup> 9	12	11	9	16	8	6	5
Middle Atlantic.....	41	50	59	54	59	67	45	47	40	35
East North Central.....	<sup>2</sup> 22	27	31	25	39	25	15	17	11	11
West North Central.....	28	11	19	21	17	15	16	11	5	9
South Atlantic.....	<sup>4</sup> 34	36	<sup>4</sup> 47	32	50	35	23	20	22	13
East South Central.....	48	32	25	15	51	29	17	12	21	12
West South Central.....	25	10	15	15	17	7	15	12	12	6
Mountain.....	7	13	9	8	18	18	58	23	10	5
Pacific.....	3	14	15	13	19	12	9	9	6	10

## INFLUENZA DEATHS.

Total.....	13	4	6	7	18	20	21	20	18	35
New England.....	1	0	<sup>1</sup> 0	1	1	0	1	1	1	1
Middle Atlantic.....	4	3	2	1	5	10	13	11	9	21
East North Central.....	<sup>2</sup> 3	0	3	<sup>1</sup> 0	2	4	4	3	5	5
West North Central.....	0	0	0	1	1	0	2	0	0	0
South Atlantic.....	<sup>4</sup> 2	1	<sup>1</sup> 1	1	3	1	1	1	2	3
East South Central.....	1	0	0	0	3	1	0	1	0	1
West South Central.....	2	0	0	3	1	1	1	1	0	3
Mountain.....	0	0	0	0	1	1	1	0	0	0
Pacific.....	0	0	0	0	1	1	0	0	1	1

## PNEUMONIA DEATHS.

Total.....	315	313	306	308	372	438	494	497	479	563
New England.....	19	14	<sup>1</sup> 16	12	20	29	39	28	27	42
Middle Atlantic.....	136	132	120	125	152	178	217	221	227	270
East North Central.....	<sup>2</sup> 55	53	53	<sup>1</sup> 67	82	94	84	90	77	95
West North Central.....	18	9	23	22	18	16	25	23	20	28
South Atlantic.....	<sup>4</sup> 34	32	<sup>1</sup> 37	37	42	52	50	50	65	87
East South Central.....	12	17	15	9	14	22	15	19	13	21
West South Central.....	11	8	10	13	13	11	31	16	17	21
Mountain.....	13	11	10	8	11	11	15	22	16	6
Pacific.....	17	17	22	15	20	25	18	28	17	23

<sup>1</sup> Figures for Barre, Vt., estimated. Report not received at time of going to press<sup>2</sup> Figures for Cleveland, Ohio, estimated.<sup>3</sup> Figures for Superior, Wis., estimated.<sup>4</sup> Figures for Raleigh, N. C., estimated.<sup>5</sup> Figures for Wilmington, Del., and Tampa, Fla., estimated.

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923.

Group of cities.	Number of cities reporting cases.	Number of cities reporting deaths.	Aggregate population of cities reporting cases.	Aggregate population of cities reporting deaths.
Total.....	105	97	28,898,350	28,140,934
New England.....	12	12	2,098,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	17	17	7,032,535	7,032,535
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	22	22	2,566,901	2,566,901
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,564	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	3	1,797,830	1,275,841

## FOREIGN AND INSULAR.

### CHINA.

#### North Manchuria Plague-Prevention Service—July-Sept., 1924.

Information contained in the report of the North Manchuria Plague-Prevention Service for the quarter ended September 30, 1924, shows the occurrence at Dairen, late in August, of three cases of cholera; also, the occurrence, August 9, of two fatal cases of plague, one bubonic and one pneumonic, at Substation 83 near Dauria, a locality in Transbaikalia, 36 miles west of Manchouli. The cases occurred in workers in tarabagan (marmot) skins. On September 18, an additional case of plague was reported at Harenor, a village in Transbaikalia, 52 miles west of Manchouli. The origin of this latter case had not been determined. The localities named are situated on the line of the Chinese Eastern and Trans-Siberian Railway.

#### Protection of Tarabagan Hunters.

It was stated that the commercial department of the railway held a meeting in August, 1924, to consider measures for protecting tarabagan hunters and safeguarding the traffic in tarabagan skins.

### CUBA.

#### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Oct. 1-31, 1924.		Remaining under treatment Oct. 31, 1924.
	New cases.	Deaths.	
Diphtheria.....	1		9
Leprosy.....			129
Malaria.....	44	1	1
Paratyphoid fever.....	2		1
Typhoid fever.....	47	10	245

<sup>1</sup> From the interior, 39.

<sup>2</sup> From the interior, 79.

### FINLAND.

#### Proposed Sanitary Convention—Finland and Russia.

According to information dated October 1, 1924, negotiations have been begun between the governments of Finland and Russia for a sanitary convention to establish mutual protective measures against outbreaks of epidemic cholera, plague, and typhus fever.

**FRANCE.****Plague—Vicinity of Paris.**

According to information dated November 3, 1924, two cases of bubonic plague were reported in the vicinity of Paris during the month of October, 1924, one case occurring at Saint Ouen, a suburb situated north of Paris, and one at Saint Medard, a suburb to the east of Paris. Both suburbs lie just outside the city limits. The source of the infection was not stated.

**JAMAICA.****Quarantine Regulations—1924.**

Under date of October 1, 1924, the quarantine board of Jamaica issued a revised set of regulations governing vessels arriving at Jamaican ports. The regulations pertain to the rat-guarding of all vessels while in port, and provide special rules applying to those vessels which have cleared from ports in countries infected with plague, smallpox, yellow fever, and influenza.

**LATVIA.****Communicable Diseases—August, 1924.**

During the month of August, 1924, 548 cases of communicable diseases were notified in the Republic of Latvia, including two cases of leprosy, one case of relapsing fever, 238 cases of typhoid fever, and 8 cases of typhus fever. Estimated population, 2,000,000.

**SPAIN.****Smallpox—Madrid—July–September, 1924.**

During the three months period ended September 30, 1924, an outbreak of smallpox with 300 reported cases and about 30 deaths was reported at Madrid, Spain. Vaccination was made compulsory, under penalty, for all persons who had not been vaccinated within two years. Free clinics were established.

**Mortality—July–August, 1924.**

Deaths from all causes in Madrid during the months of July and August, 1924, were reported as follows: July, 1,234; August, 976. Population, estimated, 750,896. The causes of death included, for July, tuberculosis, 159; typhoid fever, 18; for August, smallpox, 1 death; tuberculosis, 137 deaths; typhoid fever, 16; typhus fever, 1 death.

**Improved Building Regulations.**

During the period under report, government regulations were promulgated with regard to the building of dwelling houses, with special view to securing adequate ventilation and access to fresh air in sleeping apartments.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**

The reports contained in the following tables must not be considered as complete or final as regards either the lists of countries included or the figures for the particular countries for which reports are given.

## **Reports Received During Week Ended November 21, 1924.<sup>1</sup>**

### **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Manchuria—				
Dairen.....	August, 1924.....	3		
India:				
Bombay.....	Sept. 14-20.....	3		Aug. 24-Sept. 6, 1924: Cases, 19,047; deaths, 11,657.
Madras.....	Oct. 5-11.....	3	1	
Indo-China:				
Salgon.....	Sept. 7-13.....	2		Including 100 square kilometers of surrounding country.

### **PLAGUE.**

China:				
Nanking.....	Oct. 5-18.....			Present.
France:				
Paris.....	Oct. 1-31.....	2		Aug. 1-31, 1924: Cases, 3.
Gold Coast.....				Bubonic. Occurring in suburbs, St. Medard and St. Ouen.
India:				
Madras Presidency.....	Oct. 5-11.....	87	46	January-June, 1924: Cases, 173; deaths, 104. July-August, 1924: Cases, 142; deaths, 104.
Rangoon.....	Sept. 21-27.....	8	8	Aug. 24-Sept. 6, 1924: Cases, 1,166; deaths, 726.
Mauritius Island.....				Dec. 30, 1923-June 28, 1924: Cases, 35; deaths, 29. June 29-Sept. 6, 1924: Cases, 9; deaths, 8.
Morocco.....				Jan.-June, 1924: Cases, 53; deaths, 3.
Nigeria.....				July, 1924: Cases, 1; deaths, 1.
Russia:				Jan.-June, 1924: Cases, 252.
Palestine:				
Jaffa.....	Oct. 16.....	1		Bubonic.
Jerusalem.....	Oct. 14-20.....	1		
Siam:				
Bangkok.....	Sept. 21-27.....	2	1	
Siberia:				
Transbaikalia—				
Dauria.....	Aug. 9.....	2	2	At Substation 83, vicinity of Dauria.
Harenor.....	Sept. 18.....	1		Bubonic and pneumonic. On line of Chinese and Trans-Siberian Railway. In workers in tarabagan (Marmot) skins.

### **SMALLPOX.**

British South Africa:				
Northern Rhodesia.....	Sept. 9-22.....	7		
Canada:				
British Columbia—				
Vancouver.....	Oct. 19-25.....	5		
New Brunswick—				
Restigouche County.....				Year ended Oct. 31, 1924: Cases, 36; deaths, 1.
China:				
Amoy.....	Sept. 28-Oct. 11.....			Present.
Foochow.....	Sept. 28-Oct. 11.....			Do.
Nanking.....	Sept. 28-Oct. 11.....			Do.
Egypt:				
Alexandria.....	Oct. 1-21.....	3		
Gibraltar.....	Oct. 20-26.....	1		
Greece:				
Athens.....	Sept. 21-30.....		2	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received During Week Ended November 21, 1924—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
India:				Aug. 24-Sept. 6, 1924: Cases, 1,413; deaths, 378.
Bombay	Sept. 14-27	7	4	
Madras	Oct. 5-11	18	8	
Rangoon	Sept. 20-27	2		
Indo-China:				
Saigon	Aug. 31-Sept. 27	13	4	
Jamaica:				Sept. 28-Oct. 25, 1924: Cases, 52 (reported as alastrim). Reported as alastrim.
Kingston	Sept. 28-Oct. 25	7		
Java:				
East Java—				
Soerabaya	Sept. 7-13	182	48	
West Java—				
Brebes	Aug. 26-Sept. 1	3		
Pekalongan	Aug. 26-Sept. 8	9	2	
Pemalang	Aug. 26-Sept. 1		4	
Tegal	Sept. 2-8	4		
Mexico:				
Durango	Oct. 1-31		1	
Portugal:				
Lisbon	Oct. 5-18	6		
Oporto	Oct. 12-25	1	1	
Spain:				
Madrid				July-Sept., 1924: Cases, 300; deaths, 30.
Valencia	Oct. 19-25	1		
Tunis:				
Tunis	Oct. 20-27	7	7	

**TYPHUS FEVER.**

Chosen:				
Seoul	Sept. 1-30	1		
Greece:				Jan.-Apr., 1924: Cases, 178, deaths, 27.
Hungary:				Jan.-June, 1924: Cases, 221; deaths, 19.
Latvia:				July, 1924: Cases, 9. August 1-31, 1924: Cases, 8.
Lithuania:				Jan.-June, 1924: Cases, 556; deaths, 48. July, 1924: Cases, 24.
Palestine:				
Jaffa	Oct. 14-20	1		
Ramleh district	do.	1		
Palestine	do.	1		
Turkey:				
Constantinople	Oct. 12-18	2		

**YELLOW FEVER.**

Gold Coast				May, 1924: Cases, 2; deaths, 2. July, 1924: Cases, 2; deaths, 1.
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**Reports Received from June 28 to November 14, 1924.<sup>1</sup>****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai	Aug. 2-Sept. 6	1		
India:				Apr. 20-June 28, 1924: Cases, 81,035; deaths, 56,740.
Do.				June 29-Sept. 6, 1924: Cases, 75,484; deaths, 47,781.
Bombay	May 4-10	1		
Do.	June 29-Sept. 13	43	23	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Calcutta.....	May 11-June 28.....	293	259	
Do.....	June 29-Sept. 17.....	182	150	
Madras.....	June 1-21.....	7	6	
Do.....	June 29-Sept. 27.....	44	25	
Rangoon.....	May 11-June 28.....	98	76	
Do.....	June 29-Aug. 23.....	24	22	
Indo-China.....				Jan. 1-June 30, 1924: Cases, 107; deaths, 52.
				July 1-31, 1924: Cases, 20; deaths: 10. Corresponding period 1923, Cases, 42; deaths, 30.
Province—				
Anam.....	June 1-30.....	4	1	June, 1923: 1 case.
Do.....	July 1-31.....	3	1	
Cambodia.....	June 1-30.....	7	4	June, 1923: Cases, 13; deaths, 4.
Do.....	July 1-31.....	7	4	
Cochin-China.....	June 1-30.....	9	6	June, 1923: Cases, 40; deaths, 28.
Do.....	July 1-31.....	7	5	
Tonkin.....	June 1-30.....	9	4	June, 1923: 3 cases, including 100 square kilometers of surrounding country.
Do.....	July 1-31.....	3	1	Do.
Salgon.....	Apr. 27-June 28.....	6	4	
Do.....	June 29-Aug. 9.....	6	5	
Persia:				
Bushire.....	June 1-30.....	1	1	
Philippine Islands.....				June 15-28, 1924: 32 cases, 22 deaths, including suspects.
				June 29-July 5, 1924: 5 cases, 4 deaths.
Manila.....	June 22-28.....	1		Suspect. Occurring in a non-resident.
Do.....	July 6-12.....	1	1	
Provinces—				
Batangas.....	July 1-12.....	4	3	
Bulacan.....	June 21.....	1	1	
Do.....	June 28-July 26.....	4	2	
Angat.....	July 20-26.....	1	1	
Malolos and Paombong.....	July 13-19.....	2	1	
Cagayan.....	Mar. 30-Apr. 5.....	1	1	
Laguna.....	May 18-24.....	1	1	
San Pablo.....	July 13-19.....	1	1	
Rizal.....	July 3.....	1	1	
Santo Tomas.....	July 6-12.....	1	1	
Russia.....				Summer of 1924. Cases, 9.
Don Province.....				7 cases at Rostov and Nakhichevan.
Kuban.....				1 case, Black Sea district.
Moscow Province.....				1 case in Kolomensky Uyezd.
Rostov-on-Don.....	Aug. 5-7.....	3		
Siam:				
Bangkok.....	May 4-June 28.....	21	18	
Do.....	June 29-Sept. 20.....	11	5	
Straits Settlements:				
Penang.....	June 1-7.....	1	1	
Singapore.....	June 15-28.....	9	6	
Do.....	June 29-July 5.....	2	1	
On vessel:				
S. S. Argalla.....		1		At Bassein, Lower Burma, India. Case in European member of crew. Case removed to hospital. Vessel left May 16, 1924, arrived June 8 at Durban, South Africa; left Durban June 10 for Trinidad and Cuba.

## **PLAGUE.**

Algeria:				
Mostaganem.....	July 21-28.....	4		Seaport.
Argentina:				
Chaco Territory.....				April, 1924: Cases reported.
Brazil:				
Porto Alegre.....	July 6-12.....		1	



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Kenya—				
Kisumu.....	July 13-Aug. 16.....	2	1	
Tanganyika Territory.....	Feb. 24-June 7.....	1	2	
Do.....	June 26-July 3.....	3	2	
Uganda.....				May 1-31, 1924: Cases, 28; deaths, 23. June 1-30, 1924: Cases, 97; deaths, 84.
Entebbe.....	Feb. 1-Apr. 30.....	59	54	
Canary Islands:				
Las Palmas.....	Sept. 8.....	1		
Teneriffe—				
La Laguna.....	June 20.....	1		
Celebes:				
Macassar and Menando.....	July 27-Aug. 2.....			1 plague rat.
Ceylon:				
Colombo.....	May 11-June 28.....	11	7	10 plague rodents.
Do.....	June 29-Sept. 13.....	19	18	Plague-infected rodents, 17.
Chile:				
Antofagasta.....	June 1-16.....	4		
China:				
Amoy.....	June 15-28.....		4	
Do.....	June 29-Aug. 9.....		13	
Foochow.....	May 4-June 21.....		25	Cases not reported.
Nanking.....	July 20-Aug. 16.....			Present.
Ecuador:				
Eloy Alfaro.....	May 16-31.....	1		
Do.....	Sept. 10-30.....	1		
Guayaquil.....	May 16-June 30.....	5	1	Rats taken, 23,717; found infected, 107.
Do.....	July 1-Aug. 31.....	2		Rats taken, 44,469; found plague infected, 188.
Posorja.....	July 1-15.....	1		
Puna.....	July 16-31.....	1		
Egypt.....				July 2-Sept. 5, 1924: Cases, 19. Total, Jan. 1-Sept. 5, 1924—cases, 354; deaths, 177; corresponding period, preceding year—cases, 1,337.
City—				
Alexandria.....		1	1	First case, Apr. 2; last, Apr. 2.
Ismailia.....		1	1	First case, July 6; last, July 6.
Port Said.....		5	2	First case, Apr. 24; last, Aug. 26.
Suez.....		16	8	First case, Jan. 2; last, Sept. 23.
Province—				
Assiout.....		474	35	First case, Apr. 1; last, Aug. 27.
Behera.....		1	1	First case, Aug. 9; last, Aug. 9.
Beni-Suef.....		3	3	First case, June 21; last, June 21.
Charkieh.....		1	1	First case, Jan. 31; last, Jan. 31.
Fayoum.....		106	33	First case, Feb. 18; last, July 18.
Gharbia.....		3	2	First case, Apr. 21; last, Aug. 22.
Ghirga.....		10	3	First case, Jan. 17; last, May 13.
Kalloubiah.....		10	1	First case, Jan. 6; last, May 22.
Kena.....		44	26	First case, Apr. 9; last, May 17.
Menoufieh.....		49	32	First case, Jan. 2; last, June 28.
Minia.....		58	28	First case, Feb. 5; last, Aug. 1.
Greece:				
Kalamata.....				Reported July 15, 1924: Cases, 29; deaths, 6.
Patras.....	July 7.....	36		
Saloniki.....	July 3-4.....	2		
Symi, Island of.....				Reported present in August, 1924: Cases, 10; deaths, 2.
Hawaii.....				July 15, 1924: Near Kukuihaele, Island of Hawaii, 1 plague rat.
Honokaa.....				Aug. 19-Sept. 10, 1924: 5 plague-infected rodents found in vicinity. In vicinity, at Paauhau sugar plantation, Oct. 11, 1924, 1 plague rat (trapped).
India.....				Apr. 20-June 28, 1924: Cases, 102,874; deaths, 84,656.
Do.....				June 29-Sept. 6, 1924: Cases, 581; deaths, 4,431.
Bombay.....	May 4-June 21.....	50	44	
Do.....	June 29-Aug. 30.....	20	16	
Calcutta.....	May 11-June 14.....	10	10	
Karachi.....	May 18-June 21.....	16	13	
Do.....	Aug. 17-Sept. 20.....	7	7	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
Madras Presidency.....	May 18-31.....	7	2	
Do.....	Aug. 3-Oct. 4.....	144	100	
Rangoon.....	May 11-June 28.....	77	72	
Do.....	June 29-Sept. 20.....	206	175	
<b>Indo-China.</b>				
				Jan. 1-June 30, 1924: Cases, 734; deaths, 486. July 1-31, 1924: Cases, 26; deaths, 22. Corresponding period, 1923: Cases, 34; deaths, 30.
<b>Province—</b>				
Anam.....	June 1-30.....	6	5	June, 1923: Cases, 11; deaths, 10.
Do.....	July 1-31.....	4	4	
Cambodia.....	June 1-30.....	18	18	June, 1923: Cases, 140; deaths, 121.
Do.....	July 1-31.....	9	9	
Cochin-China.....	June 1-30.....	4	4	June, 1923: Cases, 14; deaths, 10.
Do.....	July 1-31.....	13	9	
Saigon.....	May 4-June 28.....	10	2	Including 100 square kilometers of surrounding country.
Do.....	July 29-Aug. 9.....	3	1	Do.
<b>Iraq:</b>				
Bagdad.....	Apr. 20-June 28.....	125	62	
Do.....	June 29-Aug. 9.....	7	4	
<b>Japan.</b>				
Shizuoka Prefecture—				July 1-31, 1924: 1 case, 1 death.
Higashi.....				Jan.-July, 1924: Cases, 4; deaths, 3.
				To June 20, 1924: Cases, 2; death, 1.
<b>Java:</b>				
East Java—				
Soerabaya.....	June 8-21.....	14	14	
Do.....	Aug. 31-Sept. 6.....	1	1	
West Java—				
Cheribon.....	Aug. 19-25.....	2	2	
Pekalongan.....	do.....	8	8	
<b>Madagascar:</b>				
Diego Suarez.....	June 22-Aug. 28.....	43	37	Seaport.
Moramanga.....	June 1-30.....	1	1	Interior.
Tamatave.....	June 6-30.....	5	4	Bubonic.
Tananarive Province.....				Apr. 1-June 30, 1924: Cases, 138; deaths, 128; bubonic, pneumonic, septicemic, July 1-Aug. 31, 1924: Cases, 91, deaths, 88.
Tananarive Town.....	Apr. 1-June 30.....	12	12	
Do.....	July 1-Aug. 31.....	6	6	Bubonic, pneumonic, and septicemic.
Other localities.....	Apr. 1-June 30.....	105	97	Do.
Do.....	July 1-Aug. 31.....	64	63	Do.
<b>Persia:</b>				
Abadan.....	May 1-31.....	20	12	
Bander Abbas.....	do.....	11	6	
Bushire.....	do.....	1	1	Landed at quarantine.
Mohammerah.....	do.....	111	78	
<b>Peru.</b>				
Do.....				May 1-June 30, 1924: Cases, 9; deaths, 6.
				July 1-31, 1924: Cases, 6; deaths, 3.
Callao.....	June 1-30.....	1	1	
Do.....	July 1-31.....	2	2	
Huaral.....	June 1-30.....	1	1	
Do.....	July 1-31.....	1	1	
Lima (city).....	May 1-June 30.....	5	5	
Do.....	July 1-31.....	6	3	
Lima (country).....	May 1-June 30.....	1	1	
Do.....	July 1-31.....	1	1	
Mollendo.....	May 1-31.....	1	1	
<b>Russia:</b>				
Don Cossack Territory—				
Salsky District.....				Aug. 8, 1924: Reported present in marmots in 6 localities.
<b>Siam:</b>				
Bangkok.....	May 4-June 14.....	3	3	
Do.....	July 13-Sept. 20.....	3	3	
<b>South Nigeria (West Africa):</b>				
Lagos.....	Sept. 8.....			Present.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

## **Reports Received from June 28 to November 14, 1924—Continued.**

### **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Syria:				
Beirut.....	July 10-Aug. 20.....	7		
Tunis:				
Tunis.....	Sept. 23-29.....	1	1	
Union of South Africa.....				Apr. 27-June 7, 1924: Cases, 28; deaths, 14. Dec. 16, 1923, to May 31, 1924: Cases, 347; deaths, 208 (white, 51 cases, 26 deaths; native, 260 cases, 182 deaths). July 1-Aug. 31, 1924: Cases, 5; deaths, 2.
Orange Free State.....				May 11-June 14, 1924: Cases, 21; deaths, 9. June 22-28, 1924: Plague-infected mouse found in Kroonstad District.
Philippolis District.....	Aug. 24-30.....	1	1	In natives on two farms.
Smithfield District.....	July 13-19.....	2		
On vessel:				
S. S. Amboise.....	July 10.....	1		At Marseille, France; removed to quarantine station. Case occurred in an Arab fireman embarked at Aden. Vessel left Yokohama May 30 and Colombo, Ceylon, June 22, 1924.

### **SMALLPOX.**

Arabia:				
Aden.....	July 20-26.....		1	
Bolivia:				
La Paz.....	May 1-June 30.....	10	9	
Do.....	July 1-Sept. 30.....	28	21	
Brazil:				
Bahia.....	May 18-24.....	1		
Porto Alegre.....	May 18-June 28.....	1	2	
Do.....	July 6-Aug. 2.....	2	3	
Rio de Janeiro.....	May 18-24.....	2		
Do.....	July 20-Aug. 30.....	5		
British East Africa:				
Kenya—				
Mombasa.....	May 4-31.....	3		
Tanganyika Territory.....	June 15-21.....	1		
Do.....	Aug. 17-23.....	1		
Uganda—				
Entebbe.....	Feb. 1-29.....	2		
British South Africa:				
Northern Rhodesia.....	May 6-June 30.....	74	1	Natives.
Do.....	July 1-Sept. 8.....	49		
Canada:				
British Columbia.....	Sept. 12-Oct. 18.....	29		
Vancouver.....	June 15-28.....	11		
Do.....	June 29-Oct. 11.....	43		Not including suburbs.
Victoria.....	Aug. 3-9.....	4		
Manitoba—				
Winnipeg.....	July 13-Aug. 1.....	3		
New Brunswick—				
Restigouche County.....	June 1-30.....	7		
Do.....	July 6-Sept. 6.....	21		
Westmoreland County.....	Aug. 17-23.....	1		
Ontario.....				June 1-30, 1924: Cases, 24; July 1-Oct. 25, 1924: Cases, 43. Corresponding period, 1923: Cases, 23.
Chatham Township.....	Sept. 28-Oct. 25.....	31		
Chatham.....	do.....	3		
Harwich Township.....	do.....	2		
Howard Township.....	do.....	14		
Macauley Township.....	do.....	1		
Sarnia.....	July 20-26.....	1		
Toronto.....	Sept. 28-Oct. 25.....	1		
Whitney.....	Sept. 28-Oct. 25.....	21		Unorganized.
Windsor.....	June 22-28.....	1		
Quebec—				
Montreal.....	June 8-14.....	1		
Do.....	Sept. 14-20.....	1		

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

## **Reports Received from June 28 to November 14, 1924—Continued.**

### **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo	July 6-12	1		
Chile:				
Antofagasta	June 11			Under treatment at lazaretto, 2 cases.
Do.	Aug. 24-30	1		This report covers the two principal districts of Valparaiso.
Valparaiso	June 1-7		1	
China:				
Amoy	May 11-June 28			Present.
Do.	June 29-Sept. 27		1	Do.
Antung	June 9-29	41	3	
Do.	July 7-13	4		
Chungking	May 11-June 28			Do.
Do.	June 29-Sept. 13			Do.
Foochow	May 18-June 28			Do.
Do.	July 6-Sept. 20			Do.
Hongkong	May 4-June 28	30	24	
Do.	June 29-July 12	3	3	
Manchuria—				
Dairen	May 12-June 28	22	7	
Do.	June 29-Aug. 3	5	1	
Harbin	May 13-June 23	2		
Nanking	May 18-June 28			Do.
Do.	July 6-Sept. 27			Do.
Shanghai	May 25-31		1	
Tientsin	May 4-June 28	11	1	British municipality.
Chosen:				
Fusan	May 1-31	1		
Do.	July 25-31	1		
Colombia:				
Barranquilla	Aug. 3-9		1	
Cuba:				
Matanzas	Sept. 1-30	1		
Czechoslovakia				Apr. 1-June 30, 1924: Cases, 7; deaths, 2.
State—				
Bohemia	Apr. 1-June 30	6	2	
Russia—	do.	1		
Denmark:				
Copenhagen	May 18-31	3	1	
Dominican Republic:				
La Romana	Aug. 24-30	2		
Egypt:				
City—				
Alexandria	June 4-10	1		
Do.	Sept. 3-9	1		
Cairo	Feb. 19-June 21	163	45	
Do.	June 25-Aug. 5	15	2	
Port Said	June 18-24	1	2	
Do.	June 25-Sept. 9	4		
France:				
Limoges	Apr. 1-May 31		2	
Marseille	May 1-31		1	
Paris	May 21-31	2		
Gibraltar	July 21-Oct. 12	9		
Great Britain:				
England and Wales				May 25-June 28, 1924: Cases, 342; June 29-Oct. 4, 1924: Cases, 695.
Counties—				
Derby	May 25-June 28	159		
Do.	June 29-Oct. 4	159		
London	June 29-Aug. 30	3		
Northumberland	May 25-June 28	61		
Do.	June 29-Oct. 4	134		
Nottingham	May 25-June 28	29		
Do.	June 19-Oct. 4	103		
Yorks (North Riding)	May 25-June 28	54		
Do.	June 29-Oct. 4	118		
Yorks (West Riding)	May 25-June 28	5		
Do.	June 29-Oct. 4	44		
Liverpool	Aug. 28	1		Mild. Admitted to port hospital from Lower Bebington district, 2 miles from docks.
Greece:				
Saloniki	Apr. 21-June 29	7	21	
Do.	June 30-Oct. 4		41	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Haiti:				
Port au Prince.....	July 6-12.....	2		Developed at Cape Haitien.
Hungary:				
Budapest.....	July 20-Aug. 2.....	11		
India.....				Apr. 20-June 28, 1924: Cases, 28,396; deaths, 6,753.
Do.....				June 29-Sept. 6, 1924: Cases, 10,168; deaths, 2,606.
Bombay.....	May 4-June 28.....	432	299	
Do.....	June 29-Sept. 13.....	196	126	
Calcutta.....	May 11-June 28.....	36	32	
Do.....	July 6-Sept. 27.....	78	63	
Karachi.....	May 18-June 28.....	51	18	
Do.....	June 29-Sept. 13.....	35	16	
Madras.....	May 18-June 28.....	32	10	
Do.....	June 29-Oct. 4.....	164	52	
Rangoon.....	May 11-June 28.....	53	21	
Do.....	June 29-Sept. 20.....	31	12	
Indo-China.....				Jan. 1-June 30, 1924: Cases, 4,934; deaths, 1,413. July 1-31, 1924: Cases, 119; deaths, 51. Corresponding period, 1923: Cases, 268; deaths, 108.
Province—				June, 1923: Cases, 2.
Anam.....	June 1-30.....	23	2	
Do.....	July 1-31.....	11	7	
Cambodia.....	June 1-30.....	35	21	June, 1923: Cases, 156.
Do.....	July 1-31.....	28	13	
Cochin-China.....	June 1-30.....	145	55	June, 1923: Cases, 70; deaths, 35.
Do.....	July 1-31.....	73	31	
Saigon.....	Apr. 27-June 28.....	145	79	Including 100 square kilometers of surrounding country.
Do.....	June 29-Aug. 23.....	55	23	Do.
Tonkin.....	June 1-30.....	31	2	
Do.....	July 1-31.....	7		
Iraq:				
Bagdad.....	Apr. 20-May 24.....	8	1	
Do.....	July 27-Aug. 2.....	1		
Italy:				
Messina.....	May 26-June 1.....	1		
Jamaica.....				June 1-28, 1924: Cases, 141; June 29-Sept. 13, 1924: Cases, 217. (Reported as alastrim.)
Kingston.....	June 1-28.....	6		Reported as alastrim.
Do.....	June 29-Sept. 13.....	20		Do.
Japan.....				July 1-31, 1924: Cases, 51; deaths, 9; Jan. 1-July 31, 1924: Cases, 1,693; deaths, 264.
Kobe.....	May 26-21.....	3		
Nagoya.....	June 8-14.....	2		
Tokyo.....	do.....	1		
Java:				
East Java—				
Madoera Residency—				
Sampang.....	May 22.....			Epidemic.
Malang.....	May 25-31.....	5	1	
Paseroean Residency.....	July 4-Sept. 2.....	7		Epidemic in some localities.
Rembang Residency.....	Aug. 29-Sept. 2.....			Do.
Socrabaya.....	Apr. 13-June 28.....	501	143	
Do.....	June 29-Sept. 6.....	769	217	Epidemic Aug. 10, 1924, in 4 localities.
West Java—				
Batavia.....	May 31-June 27.....	3		
Do.....	July 6-Aug. 22.....	6		Province.
Cheribon.....	Aug. 19-25.....	1		
Pekalongan Province.....				Aug. 19-25, 1924: Cases, 12; deaths, 2.
Pekalongan.....	Aug. 19-25.....	3		
Pemalong.....	do.....	5	3	
Tegal.....	do.....	3		
Latvia.....				Apr. 1-June 30, 1924: Cases, 3; July 1-31, 1924: Case, 1.
Mexico:				
Cecilia.....	Oct. 11-17.....	5	1	State of Tamaulipas.
Durango.....	June 1-30.....		2	
Do.....	Sept. 1-30.....		1	
Guadalajara.....	May 1-June 30.....	9	4	
Do.....	July 8-14.....		1	
Mexico City.....	May 4-June 28.....	96		Including municipalities in Federal District.
Do.....	June 29-Oct. 4.....	75		Do.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Progreso.....	Oct. 19-25.....		1	
Salina Cruz.....	May 25-31.....	1	1	
Tampico.....	June 14-20.....	2		
Do.....	July 1-Aug. 20.....	8	7	
Tuxtepec.....	July 3-18.....	3	1	State of Oaxaca.
Vera Cruz.....	Sept. 21-Oct. 25.....		4	
Palestine.....				June 17-23, 1924: 20 cases in northern districts.
Samaria Province—				
Samak.....	May 27-June 2.....	1		
Paraguay:				
Asuncion.....	June 2.....			Present.
Encarnacion.....	do.....			Many cases reported.
Persia:				
Bushire.....	June 1-30.....	2		
Peru:				
Arequipa.....	Jan. 1-June 30.....		5	
Poland.....				Mar. 30-June 28, 1924: Cases, 290; deaths, 27.
Do.....				June 29-July 27, 1924: Cases 25; deaths, 5.
Portugal:				
Lisbon.....	May 25-June 28.....	7	2	
Do.....	June 29-Sept. 28.....	28	5	
Oporto.....	May 11-June 28.....	18	16	
Do.....	June 29-Oct. 11.....	21	25	
Russia.....				Jan. 1-31, 1924: 2,243 cases.
Moscow.....	July 27-Aug. 9.....	37		
Siam:				
Bangkok.....	Apr. 27-June 14.....	3	5	
Do.....	Sept. 7-13.....	1		
Spain:				
Barcelona.....				Year 1923: Cases, 160.
Do.....	August-September.....	23	2	
Cadiz.....	June 1-30.....		5	
Do.....	July 1-Sept. 30.....		114	
Madrid.....	Aug. 1-Sept. 30.....	6	6	
Malaga.....	June 29-Oct. 18.....	8	76	Oct. 6, 1924: Increase in prevalence reported.
Santander.....	Aug. 24-30.....		4	
Valencia.....	June 8-21.....	3		
Do.....	July 13-Oct. 18.....	4	1	
Vigo.....	Aug. 17-23.....		1	
Straits Settlements:				
Singapore.....	May 4-24.....	2	1	
Sumatra:				
Medan.....	Jan. 1-31.....	5		
Switzerland:				
Berne.....	May 25-June 28.....	22		
Do.....	June 29-Sept. 27.....	13		
Lucerne.....	Aug. 1-Sept. 30.....	30		
Syria:				
Damascus.....	May 28-June 12.....	12		
Do.....	Aug. 7-13.....	6		
Tunis:				
Tunis.....	May 27-June 30.....	17	4	
Do.....	July 1-Oct. 13.....	22	19	
Turkey:				
Constantinople.....	June 1-7.....	1		
Do.....	Aug. 17-Sept. 27.....	2		
Union of South Africa.....				Mar. 1-June 30, 1924: Cases, 167 (white, 15; native, 152). July 1-31, 1924: 3 cases (white): 12 deaths (native).
Cape Province.....	May 4-31.....			Outbreaks.
Do.....	July 20-Sept. 20.....			Do.
East London.....	July 27-Aug. 2.....	1		
Orange Free State.....	May 4.....			Do.
Do.....	Aug. 24-Sept. 13.....			Do.
Transvaal.....	May 4-31.....			Do.
Do.....	July 20-Aug. 23.....			Do.
Johannesburg.....	July 6-12.....	1		
Yugoslavia.....				January-June, 1924. Cases, 308; deaths, 62.
Belgrade.....	July 28-Aug. 3.....	1		



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>On vessels:</b>				
S. S. Dront.....	Sept. 14-20.....	1	-----	At Pernambuco, Brazil. Case removed to hospital. Vessel left Cadiz, Spain, Aug. 20, 1924.
S. S. Karoa.....	May 7.....	1	-----	At Durban, South Africa, from Bombay, India. Vessel left Bombay Apr. 16, 1924. Patient, European.
S. S. Mount Evans.....	July 8.....	1	-----	At Key West, Fla., from Manchester, England.

## **TYPHUS FEVER.**

<b>Algeria:</b>				
Algiers.....	May 1-June 30.....	24	9	Year 1923: Cases, 1,166, of which 27 were in the military population.
Do.....	July 1-Sept. 30.....	3	-----	
<b>Bolivia:</b>				
La Paz.....	do.....	-----	2	
<b>Brazil:</b>				
Porto Alegre.....	June 1-7.....	-----	1	
<b>Bulgaria:</b>				
Sofia.....	Aug. 17-23.....	-----	1	
<b>Chile:</b>				
Antofagasta.....	-----	-----	-----	June 16, 1924: 2 cases in Lazzaretto.
Concepcion.....	May 20-26.....	-----	3	
Do.....	July 8-21.....	-----	3	
Iquique.....	June 22-28.....	-----	1	
Talcahuano.....	May 25-31.....	2	-----	Aug. 30, 1924: 53 cases reported present. Sept. 6, 1924: About 20 cases in vicinity.
Do.....	June 29-Oct. 11.....	28	43	
Valparaiso.....	May 25-June 21.....	-----	11	
Do.....	June 29-Sept. 27.....	-----	37	
<b>China:</b>				
Antung.....	June 2-16.....	6	-----	Present.
Chungking.....	May 11-June 14.....	-----	-----	
Manchuria--	-----	-----	-----	
Harbin.....	Sept. 17-23.....	2	-----	
<b>Chosen:</b>				
Chemulpo.....	May 1-June 30.....	10	-----	
Do.....	July 1-31.....	6	2	
Seoul.....	May 1-June 30.....	43	5	
Do.....	July 1-31.....	2	-----	
<b>Czechoslovakia:</b>				
State.....	-----	-----	-----	Apr. 1-June 30, 1924: Cases, 6.
Slovakia.....	Apr. 1-June 30.....	4	-----	
<b>Egypt:</b>				
Alexandria.....	June 25-Aug. 26.....	5	1	
Cairo.....	Feb. 19-June 24.....	53	16	
Do.....	June 25-Aug. 5.....	5	4	
Port Said.....	July 24-Aug. 5.....	3	-----	
<b>Esthonia:</b>				
-----	-----	-----	-----	Apr. 1-June 30, 1924: Cases, 37 July 1-31, 1924: Cases, 2.
-----	-----	-----	-----	
<b>Germany:</b>				
Coblenz.....	July 13-19.....	2	-----	
<b>Great Britain:</b>				
England--	-----	-----	-----	One suspect case: July 10, 1924. Locality, vicinity of Liverpool.
St. Helens.....	July 13-Sept. 20.....	8	3	
Ireland--	-----	-----	-----	
Dublin.....	June 8-14.....	1	-----	
Do.....	July 13-19.....	1	-----	
Lismore.....	July 19.....	1	-----	
Longford.....	do.....	1	-----	
<b>Greece:</b>				
Saloniki.....	Apr. 20-May 4.....	6	-----	
Do.....	Aug. 10-Sept. 27.....	2	2	
<b>Iraq:</b>				
Bagdad.....	Apr. 27-May 10.....	2	-----	
Do.....	Aug. 3-9.....	1	-----	
<b>Japan.</b>				
-----	-----	-----	-----	July 1-31, 1924: Cases, 2. Jan. 1-July 31, 1924: Cases, 8; deaths, 1.
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# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to November 14, 1924—Continued.**

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Latvia:				Apr. 1-June 30, 1924: Cases, 108.
City—				
Riga	June 1-30	1		
Mexico:				
Durango	July 1-31		2	
Guadalajara	May 1-June 30	2	2	
Mexico City	May 4-June 28	59		Including municipalities in Federal district.
Do.	June 29-Oct. 12	112		Do.
Torreon	July 1-Aug. 31		4	
Palestine:				
Acre	Aug. 19-25	1		
Jaffa	June 17-23	1		
Do.	July 8-Sept. 29	5		
Jerusalem	July 1-Sept. 29	7		
Kantara	July 15-21	1		
Khulde	Aug. 17	1		
Safad	Aug. 26-Sept. 1	1		
Tiberias	Aug. 19-25	1		
Peru:				
Arequipa	Jan. 1-June 30		4	
Do.	July 1-Aug. 31		3	
Poland:				Mar. 30-June 28, 1924: Cases, 2,947; deaths, 277.
Do.				June 29-July 27, 1924: Cases, 332; deaths, 23.
Portugal:				
Oporto	June 15-21		1	
Russia:				Jan. 1-31, 1924: Cases, 14,275.
Moscow	July 27-Aug. 9	4		
Spain:				
Barcelona	July 10-16		1	
Malaga	Sept. 6-Oct. 11		2	
Switzerland:				
Lucerne	Sept. 1-30	1		
Syria:				
Aleppo	June 8-14	1		
Damascus	July 14-20	1		
Tunis:				
Tunis	May 27-June 9	4		
Turkey:				
Constantinople	May 18-June 21	7	2	
Do.	July 6-Sept. 27	12	13	
Union of South Africa:				Mar. 1-June 30, 1924: Cases, 418 deaths, 45. July 1-Aug. 31 1924: Cases, 212; deaths, 31. (Colored, 203 cases; white, 9 cases.)
Cape Province:				Mar. 1-June 30, 1924: Cases, 249; deaths, 23.
Do.				July 1-Aug. 31, 1924: Cases, 122; deaths, 16. Sept. 14-20, outbreaks.
Natal				Mar. 1-June 30, 1924: Cases, 27; deaths, 5. July 1-Aug. 31, 1924: Cases, 12; deaths, 1 (colored).
Durban	Apr. 20-June 8	2		Mar. 1-June 30, 1924: Cases, 83; deaths, 11. July 1-Aug. 31, 1924: Cases, 40; deaths, 12.
Orange Free State				Aug. 24-Sept. 20: Outbreaks in the Hoopstad district.
Transvaal				Mar. 1-May 31, 1924: Cases, 39; deaths, 5. July 1-Aug. 31, 1924: Cases, 29 (colored); deaths, 2. Aug. 17-23, 1924: Outbreaks.
Johannesburg	May 11-24	2		
Do.	June 29-Sept. 13	3		
Yugoslavia:				January-June, 1924: Cases, 252; deaths, 14.
Zagreb	Sept. 7-13	1		

## **YELLOW FEVER.**

Brazil:				
Pernambuco	May 11-17	2	1	
Salvador:				
San Salvador	June 10-Aug. 25			Present in San Salvador and vicinity.